

# Microsoft Windows Event ID and SNMP Traps Reference Guide

For use with SmartStart version 8.25



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# Contents

Introduction .....	4
Windows NT® event log format .....	4
Agent descriptions .....	4
Where to go for additional help .....	5
Telephone numbers .....	5
Foundation agents.....	6
Event Identifiers 256-774 .....	6
Event Identifiers 1105-1808 .....	9
Event Identifiers 2048-2359 .....	17
Event Identifiers 3072-3876 .....	21
Event Identifiers 4352-4626 .....	25
Storage agents.....	29
Event Identifiers 256-774 .....	29
Event Identifiers 1061-1098 .....	32
Event Identifiers 1101-1199 .....	38
Event Identifiers 1200-1294 .....	64
Event Identifiers 1343-4613 .....	77
Server agents.....	82
Event Identifiers 256-774 .....	82
Event Identifiers 1024-1092 .....	85
Event Identifiers 1103-1183 .....	93
Event Identifiers 1539-3352 .....	124
Event Identifiers 5632-5684 .....	126
NIC agents.....	129
Event Identifiers 256-299 .....	129
Event Identifiers 300-1293 .....	133

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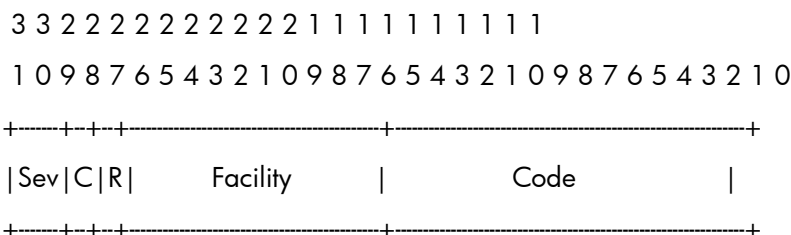
# Introduction

This document contains a listing of the Microsoft® Windows Server® 2003 Event Log messages associated with SNMP traps, which are generated by the HP Insight Management Agents for Servers for Windows®. Each event entry has the corresponding SNMP trap number used by the agents. Other information on the events in this document includes Event Severity, Event Message, Event Message Source, Event Symptom, and Supporting SNMP Trap Data.

## Windows NT® event log format

The following pages contain HP Insight Management events that are entered into the Microsoft® Windows NT® Event Log when they occur.

Values are 32-bit values laid out as follows:



where:

Sev—The severity code

00—Success

01—Informational

10—Warning

11—Error

C—The customer code flag

R—A reserved bit

Facility—The facility code (always “CPQ”)

Code—The facility’s status code—the event number; the upper byte refers to the HP Insight Management Agent that served the event, the lower byte is the actual event number

## Agent descriptions

- Foundation/Host Agent—cpqhsmg
- Sever Agent—cpqsvmsg
- Storage Agent—cpqstmsg
- NIC Agent—cpqnimg

# Where to go for additional help

In addition to this guide, the following information sources are available:

- User documentation
- HP Insight Manager software

## Telephone numbers

For the name of the nearest HP authorized reseller:

- In the United States, see the HP US service locator webpage, [http://www.hp.com/service\\_locator](http://www.hp.com/service_locator).
- In other locations, see the HP website, <http://www.hp.com>.

For HP technical support:

- In North America:
  - Call 1-800-HP-INVENT (1-800-474-6836). This service is available 24 hours a day, 7 days a week. For continuous quality improvement, calls may be recorded or monitored.
  - If you have purchased a Care Pack (service upgrade), call 1-800-633-3600. For more information about Care Packs, see the HP website, <http://www.hp.com>.
- Outside North America, call the nearest HP Technical Support Phone Center. For telephone numbers for worldwide Technical Support Centers, see the HP website, <http://www.hp.com>.

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# Foundation agents

## Event Identifiers 256-774

**Event identifier: cpqhsmmsg.dll - 256 (Hex)0x84350100 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service detected an error. The insertion string is: %1. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 257 (Hex)0x84350101 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not allocate memory. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 258 (Hex)0x84350102 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not register with the Service Control Manager. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 259 (Hex)0x84350103 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not set the service status with the Service Control Manager. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 260 (Hex)0x84350104 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not create an event object. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 261 (Hex)0x84350105 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not open registry key "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 262 (Hex)0x84350106 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not start any agents successfully.

**Event identifier: cpqhsmmsg.dll - 263 (Hex)0x84350107 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 264 (Hex)0x84350108 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not load the module "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 265 (Hex)0x84350109 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could get the control function for module "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 266 (Hex)0x8435010a (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not initialize agent "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 267 (Hex)0x8435010b (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not start agent "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 268 (Hex)0x8435010c (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service detected an invalid state for agent "%1". The data contains the state.

**Event identifier: cpqhsmmsg.dll - 269 (Hex)0x8435010d (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not stop agent "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 270 (Hex)0x8435010e (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not terminate agent "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 271 (Hex)0x8435010f (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not unload the module "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 272 (Hex)0x84350110 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not create the registry key "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 273 (Hex)0x84350111 (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation Agents service could not write the registry value "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 399 (Hex)0xc435018f (Service Event)**

Log Severity: Error (3)

Log Message: The Foundation Agents service encountered a fatal error. The service is terminating. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 400 (Hex)0x44350190 (Service Event)**

Log Severity: Information (1)

Log Message: The Foundation Agents service version %1 has started.

**Event identifier: cpqhsmmsg.dll - 401 (Hex)0x44350191 (Service Event)**

Log Severity: Information (1)

Log Message: %1

**Event identifier: cpqhsmmsg.dll - 402 (Hex)0x44350192 (Service Event)**

Log Severity: Information (1)

Log Message: The Foundation Agents could not find the SNMP service. Please install the SNMP service to enabled remote management of the server.

**Event identifier: cpqhsmmsg.dll - 768 (Hex)0x84350300 (Service Event)**

Log Severity: Warning (2)

Log Message: The Host Remote Alerter detected an invalid data type within an alert definition.

**Event identifier: cpqhsmmsg.dll - 769 (Hex)0x84350301 (Service Event)**

Log Severity: Warning (2)

Log Message: The Host Remote Alerter detected an error while attempting to log an alert remotely. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 770 (Hex)0x84350302 (Service Event)**

Log Severity: Warning (2)

Log Message: The Host Remote Alerter detected an error while attempting to retrieve data from key = %1 in the registry. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 771 (Hex)0x84350303 (Service Event)**

Log Severity: Warning (2)

Log Message: The Host Remote Alerter was unable to log an event in the event log of the system named %1. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 772 (Hex)0xc4350304 (Service Event)**

Log Severity: Error (3)

Log Message: The Host Remote Alerter detected a null handle on initialization. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 773 (Hex)0xc4350305 (Service Event)**

Log Severity: Error (3)



Log Message: The Host Remote Alerter received an error on WaitForMultipleObjects call. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 774 (Hex)0xc4350306 (Service Event)**

Log Severity: Error (3)

Log Message: The Host Remote Alerter received an error on ResetEvent call. The data contains the error code.

## Event Identifiers 1105-1808

**NT Event ID: 1105 (Hex)0x44350451 (cpqhsmmsg.dll)**

Log Severity: Information (1)

Log Message: %1

SNMP Trap: cpqHo2GenericTrap - 11003 in CPQHOST.MIB

Symptom: Generic trap.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHoGenericData

Supporting SNMP Trap Description: "[cpqHoGenericData]"

**NT Event ID: 1106 (Hex)0x44350452 (cpqhsmmsg.dll)**

Log Severity: Information (1)

Log Message: %1

SNMP Trap: cpqHo2AppErrorTrap - 11004 in CPQHOST.MIB

Symptom: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHoSwPerfAppErrorDesc

Supporting SNMP Trap Description: "[cpqHoSwPerfAppErrorDesc]"

**NT Event ID: 1162 (Hex)0x8435048a (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: Rising Threshold Passed.

SNMP Trap: cpqMeRisingAlarmExtended - 10005 in CPQTHRSH.MIB

Symptom: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry that generated this trap.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqMeAlarmVariable
- cpqMeAlarmSampleType
- cpqMeAlarmValue
- cpqMeAlarmRisingThreshold
- cpqMeAlarmOwner
- cpqMeAlarmSeverity
- cpqMeAlarmExtendedDescription

Supporting SNMP Trap Description: “[cpqMeAlarmOwner]: Variable [cpqMeAlarmVariable] has value [cpqMeAlarmValue] >= [cpqMeAlarmRisingThreshold].”

**NT Event ID: 1163 (Hex)0x8435048b (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: Falling Threshold Passed.

SNMP Trap: cpqMeFallingAlarmExtended - 10006 in CPQTHRSH.MIB

Symptom: Falling Threshold passed. An alarm entry has crossed its falling threshold. The instances of those objects contained within the variable list are those of the alarm entry that generated this trap.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqMeAlarmVariable
- cpqMeAlarmSampleType
- cpqMeAlarmValue
- cpqMeAlarmFallingThreshold
- cpqMeAlarmOwner
- cpqMeAlarmSeverity
- cpqMeAlarmExtendedDescription

Supporting SNMP Trap Description: “[cpqMeAlarmOwner]: Variable [cpqMeAlarmVariable] has value [cpqMeAlarmValue] <= [cpqMeAlarmFallingThreshold].”

**NT Event ID: 1164 (Hex)0x8435048c (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: Critical Rising Threshold Passed.

SNMP Trap: cpqMeCriticalRisingAlarmExtended - 10007 in CPQTHRSH.MIB

Symptom: Critical Rising Threshold passed. An alarm entry has crossed its critical rising threshold. The instances of those objects contained within the variable list are those of the alarm entry that generated this trap.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqMeAlarmVariable
- cpqMeAlarmSampleType
- cpqMeAlarmValue

- cpqMeAlarmRisingThreshold
- cpqMeAlarmOwner
- cpqMeAlarmSeverity
- cpqMeAlarmExtendedDescription

Supporting SNMP Trap Description: “[cpqMeAlarmOwner]: Variable [cpqMeAlarmVariable] has value [cpqMeAlarmValue] <= [cpqMeAlarmRisingThreshold].”

**NT Event ID: 1165 (Hex)0x8435048d (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: Critical Falling Threshold Passed.

SNMP Trap: cpqMeCriticalFallingAlarmExtended - 10008 in CPQTHRSH.MIB

Symptom: Critical Falling Threshold passed. An alarm entry has crossed its critical falling threshold. The instances of those objects contained within the variable list are those of the alarm entry that generated this trap.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqMeAlarmVariable
- cpqMeAlarmSampleType
- cpqMeAlarmValue
- cpqMeAlarmFallingThreshold
- cpqMeAlarmOwner
- cpqMeAlarmSeverity
- cpqMeAlarmExtendedDescription

Supporting SNMP Trap Description: “[cpqMeAlarmOwner]: Variable [cpqMeAlarmVariable] has value [cpqMeAlarmValue] <= [cpqMeAlarmFallingThreshold].”

**NT Event ID: 1166 (Hex)0x8435048e (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: %1

SNMP Trap: cpqHoProcessEventTrap - 11011 in CPQHOST.MIB

Symptom: A monitored process has either started or stopped running.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHoSwRunningTrapDesc

Supporting SNMP Trap Description: “[cpqHoSwRunningTrapDesc]”

**NT Event ID: 1167 (Hex)0x8435048f (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The cluster resource %4 has become degraded.

SNMP Trap: cpqClusterResourceDegraded - 15005 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a cluster resource becomes degraded.

User Action: Make a note of the cluster resource name, and then check the resource for the cause of the degraded condition.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterResourceName

Supporting SNMP Trap Description: "Cluster resource [cpqClusterResourceName] has become degraded."

**NT Event ID: 1168 (Hex)0xc4350490 (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The cluster resource %4 has failed.

SNMP Trap: cpqClusterResourceFailed - 15006 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a cluster resource has failed.

User Action: Make a note of the cluster resource name, and then check the resource for the cause of the failure.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterResourceName

Supporting SNMP Trap Description: "Cluster resource [cpqClusterResourceName] has failed."

**NT Event ID: 1169 (Hex)0x84350491 (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The cluster network %4 has become degraded.

SNMP Trap: cpqClusterNetworkDegraded - 15007 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a cluster network becomes degraded.

User Action: Make a note of the cluster network name, and then check the network for the cause of the degraded condition.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterNetworkName

Supporting SNMP Trap Description: "Cluster network [cpqClusterNetworkName] has become degraded."

**NT Event ID: 1170 (Hex)0xc4350492 (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The cluster network %4 has failed.

SNMP Trap: cpqClusterNetworkFailed - 15008 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a cluster network has failed.

User Action: Make a note of the cluster network name, and then check the network for the cause of the failure.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterNetworkName

Supporting SNMP Trap Description: "Cluster network [cpqClusterNetworkName] has failed."

**NT Event ID: 1171 (Hex)0x84350493 (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The cluster service on %4 has become degraded.

SNMP Trap: cpqClusterNodeDegraded - 15003 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a node in the cluster becomes degraded.

User Action: Make a note of the cluster node name, and then check the node for the cause of the degraded condition.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterNodeName

Supporting SNMP Trap Description: "Cluster service on [cpqClusterNodeName] has become degraded."

**NT Event ID: 1172 (Hex)0xc4350494 (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The cluster service on %4 has failed.

SNMP Trap: cpqClusterNodeFailed - 15004 in CPQCLUS.MIB

Symptom: This trap is sent any time the condition of a node in the cluster has failed.

User Action: Make a note of the cluster node name, and then check the node for the cause of the failure.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqClusterNodeName

Supporting SNMP Trap Description: "Cluster service on [cpqClusterNodeName] has failed."

**NT Event ID: 1173 (Hex)0x84350495 (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The Processor Performance Instance, '%4' is degraded with Processor Time of %5 percent.

SNMP Trap: cpqOsCpuTimeDegraded - 19001 in CPQWINOS.MIB

Symptom: The Processor Time performance property is set to degraded.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsCpuIndex
- cpqOsCpuInstance
- cpqOsCpuTimePercent

Supporting SNMP Trap Description: "The Processor performance Instance, [cpqOsCpuInstance] is degraded with Processor Time of [cpqOsCpuTimePercent] percent."

**NT Event ID: 1174 (Hex)0xc4350496 (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The Processor Performance Instance, '%4' is failed with Processor Time of %5 percent.

SNMP Trap: cpqOsCpuTimeFailed - 19002 in CPQWINOS.MIB

Symptom: The Processor Time performance property is set to critical.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsCpuIndex
- cpqOsCpuInstance
- cpqOsCpuTimePercent

Supporting SNMP Trap Description: "The Processor performance Instance, [cpqOsCpuInstance] is critical with Processor Time of [cpqOsCpuTimePercent] percent."

**NT Event ID: 1175 (Hex)0x84350497 (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The Cache Performance Instance, '%4' is degraded with Cache Copy Read Hits of %5 percent.

SNMP Trap: cpqOsCacheCopyReadHitsDegraded - 19003 in CPQWINOS.MIB

Symptom: The Cache CopyReadHits performance property is set to degraded.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsCacheIndex
- cpqOsCacheInstance
- cpqOsCacheCopyReadHitsPercent

Supporting SNMP Trap Description: "The Cache performance property is degraded with CopyReadHits of [cpqOsCacheCopyReadHitsPercent] percent."

**NT Event ID: 1176 (Hex)0xc4350498 (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The Cache Performance Instance, '%4' is failed with Cache Copy Read Hits of %5 percent.

SNMP Trap: cpqOsCacheCopyReadHitsFailed - 19004 in CPQWINOS.MIB

Symptom: The Cache CopyReadHits performance property is set to critical.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsCacheIndex
- cpqOsCacheInstance
- cpqOsCacheCopyReadHitsPercent

Supporting SNMP Trap Description: "The Cache performance property is critical with CopyReadHits of [cpqOsCacheCopyReadHitsPercent] percent."

**NT Event ID: 1177 (Hex)0x84350499 (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The PagingFile Performance Instance, '%4' is degraded with PagingFile Usage of %5 percent.

SNMP Trap: cpqOsPageFileUsageDegraded - 19005 in CPQWINOS.MIB

Symptom: The PagingFile Usage performance property is set to degraded.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsPagingFileIndex
- cpqOsPagingFileInstance
- cpqOsPageFileUsagePercent

Supporting SNMP Trap Description: "The PagingFile performance instance, [cpqOsPagingFileInstance] is degraded with PagingFile Usage of [cpqOsPageFileUsagePercent] percent."

**NT Event ID: 1178 (Hex)0xc435049a (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The PagingFile Performance Instance, '%4' is failed with PagingFile Usage of %5 percent.

SNMP Trap: cpqOsPageFileUsageFailed - 19006 in CPQWINOS.MIB

Symptom: The PagingFile Usage performance property is set to critical.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsPagingFileIndex
- cpqOsPagingFileInstance
- cpqOsPageFileUsagePercent

Supporting SNMP Trap Description: "The PagingFile performance instance, [cpqOsPagingFileInstance] is critical with PagingFile Usage of [cpqOsPageFileUsagePercent] percent."

**NT Event ID: 1179 (Hex)0x8435049b (cpqhsmmsg.dll)**

Log Severity: Warning (2)

Log Message: The Logical Disk Performance Instance, '%4' is degraded with Disk Busy Time of %5 percent.

SNMP Trap: cpqOsLogicalDiskBusyTimeDegraded - 19007 in CPQWINOS.MIB

Symptom: The LogicalDisk BusyTime performance property is set to degraded.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsLogicalDiskIndex
- cpqOsLogicalDiskInstance
- cpqOsLogicalDiskBusyTimePercent

Supporting SNMP Trap Description: "The LogicalDisk performance instance, [cpqOsLogicalDiskInstance] is degraded with DiskBusyTime of [cpqOsLogicalDiskBusyTimePercent] percent."

**NT Event ID: 1180 (Hex)0xc435049c (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: The Logical Disk Performance Instance, '%4' is failed with Disk Busy Time of %5 percent.

SNMP Trap: cpqOsLogicalDiskBusyTimeFailed - 19008 in CPQWINOS.MIB

Symptom: The LogicalDisk BusyTime performance property is set to critical.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqOsLogicalDiskIndex
- cpqOsLogicalDiskInstance
- cpqOsLogicalDiskBusyTimePercent

Supporting SNMP Trap Description: "The LogicalDisk performance instance, [cpqOsLogicalDiskInstance] is critical with DiskBusyTime of [cpqOsLogicalDiskBusyTimePercent] percent."

**NT Event ID: 1181 (Hex)0xc435049d (cpqhsmmsg.dll)**

Log Severity: Error (3)

Log Message: '%4'

SNMP Trap: cpqHoCriticalSoftwareUpdateTrap - 11014 in CPQHOST.MIB

Symptom: This trap is sent to notify the user of a Critical Software Update.

Supporting SNMP Trap Data:

- sysName



- cpqHoTrapFlags
- cpqHoCriticalSoftwareUpdateData

Supporting SNMP Trap Description: “[cpqHoCriticalSoftwareUpdateData]”

**Event identifier: cpqhsmmsg.dll - 1792 (Hex)0x84350700 (Service Event)**

Log Severity: Warning (2)

Log Message: The agent is unable to generate traps due to an error during initialization.

**Event identifier: cpqhsmmsg.dll - 1795 (Hex)0x84350703 (Service Event)**

Log Severity: Warning (2)

Log Message: The agent is older than other components. The agent is older than the other components of the Management Agents. Reinstall all of the Management Agents to correct this error.

**Event identifier: cpqhsmmsg.dll - 1796 (Hex)0x84350704 (Service Event)**

Log Severity: Warning (2)

Log Message: The %1 Agent is older than other components. The %1 Agent is older than the other components of the Management Agents. Reinstall all of the Management Agents to correct this error.

**Event identifier: cpqhsmmsg.dll - 1800 (Hex)0x84350708 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read security configuration information. SNMP sets have been disabled.

**Event identifier: cpqhsmmsg.dll - 1803 (Hex)0xc435070b (Service Event)**

Log Severity: Error (3)

Log Message: Unable to load a required library. This error can be caused by a corrupt or missing file. Reinstalling the Management Agents or running the Emergency Repair procedure may correct this error.

**Event identifier: cpqhsmmsg.dll - 1806 (Hex)0x8435070e (Service Event)**

Log Severity: Warning (2)

Log Message: The Foundation SNMP Agent service is not running. The agent has determined that the Foundation Agents service is not running. Stop the SNMP service and restart the Foundation Agents service. If the error persists, reinstalling the Management Agents may correct this error.

**Event identifier: cpqhsmmsg.dll - 1808 (Hex)0x44350710 (Service Event)**

Log Severity: Information (1)

Log Message: The agent could not deliver trap %1. The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the Management Agents control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the Management Agents or the Remote Access Service may correct this error. For more information, see the Management Agents Asynchronous Management documentation.

## Event Identifiers 2048-2359

**Event identifier: cpqhsmmsg.dll - 2048 (Hex)0x84350800 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqhsmsg.dll - 2049 (Hex)0x84350801 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2050 (Hex)0x84350802 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not create the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2051 (Hex)0x84350803 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2052 (Hex)0x84350804 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2053 (Hex)0x84350805 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2056 (Hex)0x84350808 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to create thread. This error can be caused by a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2098 (Hex)0x84350832 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to acquire file system information. This error can be caused by an unformatted partition or by a partition that has been recently modified. Formatting the partition or rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2099 (Hex)0x84350833 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to acquire file system information for %1. This error can be caused by a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 2100 (Hex)0x84350834 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to acquire the current process list. This error can be caused by a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 2101 (Hex)0x84350835 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to acquire the CPU performance data. This error can be caused by a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 2304 (Hex)0x84350900 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not allocate memory. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2305 (Hex)0x84350901 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not open the base of the registry. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2306 (Hex)0x84350902 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2307 (Hex)0x84350903 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2308 (Hex)0x84350904 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2309 (Hex)0x84350905 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent found an incorrect type for registry value "%1". The data contains the type found.

**Event identifier: cpqhsmmsg.dll - 2310 (Hex)0x84350906 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not create a necessary event. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2311 (Hex)0x84350907 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not set an event. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2312 (Hex)0x84350908 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not create its main thread of execution. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2313 (Hex)0x84350909 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent main thread did not terminate properly. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2314 (Hex)0x8435090a (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent got an unexpected error code while waiting for an event. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2315 (Hex)0x8435090b (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent did not respond to a request. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2316 (Hex)0x8435090c (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent received an unknown action code from the service. The data contains the action code.

**Event identifier: cpqhsmmsg.dll - 2317 (Hex)0x8435090d (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not get the system type. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2354 (Hex)0x84350932 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not create an SNMP session. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2355 (Hex)0x84350933 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent SNMP request failed. The data contains the error code. Action: 1) Be sure that the SNMP service is configured to allow SNMP requests from "localhost". 2) Be sure that there is an adequate amount of free memory.

**Event identifier: cpqhsmmsg.dll - 2356 (Hex)0x84350934 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2357 (Hex)0x84350935 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not set the variable because it is unsupported. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2358 (Hex)0x84350936 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent could not set the variable because the value is invalid or out of range. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 2359 (Hex)0x84350937 (Service Event)**

Log Severity: Warning (2)

Log Message: The Threshold Agent is not loaded. Sets are not available. The data contains the error code.

## Event Identifiers 3072-3876

**Event identifier: cpqhsmmsg.dll - 3072 (Hex)0x84350c00 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3073 (Hex)0x84350c01 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not create the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3074 (Hex)0x84350c02 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not create the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3075 (Hex)0x84350c03 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry.

This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3076 (Hex)0x84350c04 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3084 (Hex)0xc4350c0c (Service Event)**

Log Severity: Error (3)

Log Message: Unable to read configuration (%1) from the registry. This error can be caused by a corrupt registry, a low memory condition, or incomplete configuration. Reconfigure the Management Agents using the control panel. Rebooting the server may also correct this error.

**Event identifier: cpqhsmmsg.dll - 3085 (Hex)0x84350c0d (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to write (%1) to the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3086 (Hex)0x84350c0e (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to load a required library. This error can be caused by a corrupt or missing file. Reinstalling the Management Agents or running the Emergency Repair procedure may correct this error.

**Event identifier: cpqhsmsg.dll - 3090 (Hex)0x84350c12 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqhsmsg.dll - 3840 (Hex)0x84350f00 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqhsmsg.dll - 3841 (Hex)0x84350f01 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3842 (Hex)0x84350f02 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3843 (Hex)0x84350f03 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3844 (Hex)0x84350f04 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3845 (Hex)0x84350f05 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmsg.dll - 3855 (Hex)0x84350f0f (Service Event)**

Log Severity: Warning (2)

Log Message: Could not open a cluster enumeration object. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmsg.dll - 3856 (Hex)0x84350f10 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not enumerate all of the nodes in the cluster. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 3857 (Hex)0x84350f11 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not get the cluster's status. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3858 (Hex)0x84350f12 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not open the enumerated resource. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3859 (Hex)0x84350f13 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not enumerate the cluster's resources. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3860 (Hex)0x44350f14 (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is online.

**Event identifier: cpqhsmmsg.dll - 3861 (Hex)0x44350f15 (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is offline. The resource has failed or was taken offline by a cluster administrator.

**Event identifier: cpqhsmmsg.dll - 3862 (Hex)0x44350f16 (Service Event)**

Log Severity: Information (1)

Log Message: Could not get the resource status. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3863 (Hex)0x44350f17 (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is inherited.

**Event identifier: cpqhsmmsg.dll - 3864 (Hex)0x44350f18 (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is initializing. The Cluster service is starting.

**Event identifier: cpqhsmmsg.dll - 3865 (Hex)0x44350f19 (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is pending. The Cluster service is starting or the resource is being put back online or being taken offline.

**Event identifier: cpqhsmmsg.dll - 3866 (Hex)0x44350f1a (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is online pending. The resource is being put back online.

**Event identifier: cpqhsmmsg.dll - 3867 (Hex)0x44350f1b (Service Event)**

Log Severity: Information (1)

Log Message: Resource status is offline pending. The resource is being taken offline.

**Event identifier: cpqhsmmsg.dll - 3868 (Hex)0x84350f1c (Service Event)**

Log Severity: Warning (2)

Log Message: Cluster information is unavailable. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3869 (Hex)0x84350f1d (Service Event)**

Log Severity: Warning (2)

Log Message: The Cluster service is not running. The Cluster service has failed or has not started yet. Try to restart the cluster service.

**Event identifier: cpqhsmmsg.dll - 3870 (Hex)0x84350f1e (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent could not open the Cluster service. The Cluster service may have been stopped. Try to restart the cluster service.

**Event identifier: cpqhsmmsg.dll - 3871 (Hex)0x84350f1f (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent could not open the Cluster service registry key.

**Event identifier: cpqhsmmsg.dll - 3872 (Hex)0x84350f20 (Service Event)**

Log Severity: Warning (2)

Log Message: The specified storage class is not supported by the Agent. The Agent only supports the disk resource class.

**Event identifier: cpqhsmmsg.dll - 3873 (Hex)0x84350f21 (Service Event)**

Log Severity: Warning (2)

Log Message: The fibre controller resided at the storage box is off-line. The Agent only supports the disk resource class.

**Event identifier: cpqhsmmsg.dll - 3874 (Hex)0x84350f22 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 3875 (Hex)0x84350f23 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not open enumerated network. The Cluster service may not be running. Try to restart the Cluster service.

**Event identifier: cpqhsmmsg.dll - 3876 (Hex)0x84350f24 (Service Event)**

Log Severity: Warning (2)



Log Message: Could not enumerate the cluster's networks. The Cluster service may not be running. Try to restart the Cluster service.

## Event Identifiers 4352-4626

**Event identifier: cpqhsmsg.dll - 4352 (Hex)0x84351100 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not allocate memory. The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4353 (Hex)0x84351101 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not open the base of the registry. The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4354 (Hex)0x84351102 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4355 (Hex)0x84351103 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4356 (Hex)0x84351104 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4357 (Hex)0x84351105 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent found an incorrect type for registry value "%1". The data contains the type found.

**Event identifier: cpqhsmsg.dll - 4358 (Hex)0x84351106 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not create a necessary event. The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4359 (Hex)0x84351107 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not set an event. The data contains the error code.

**Event identifier: cpqhsmsg.dll - 4360 (Hex)0x84351108 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not create its main thread of execution. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4361 (Hex)0x84351109 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent main thread did not terminate properly. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4362 (Hex)0x8435110a (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent got an unexpected error code while waiting for an event. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4363 (Hex)0x8435110b (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent did not respond to a request. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4364 (Hex)0x8435110c (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent received an unknown action code from the service. The data contains the action code.

**Event identifier: cpqhsmmsg.dll - 4365 (Hex)0x8435110d (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not get the system type. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4402 (Hex)0x84351132 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not create an SNMP session. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4403 (Hex)0x84351133 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent SNMP request failed. The data contains the error code.

Action: Complete the following steps:

1. Be sure that the SNMP service is configured to allow SNMP requests from "localhost."
2. Be sure that there is an adequate amount of free memory.

**Event identifier: cpqhsmmsg.dll - 4405 (Hex)0x84351135 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not set the variable because it is unsupported. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4406 (Hex)0x84351136 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent could not set the variable because the value is invalid or out of range. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4407 (Hex)0x84351137 (Service Event)**

Log Severity: Warning (2)

Log Message: The External Status MIB Agent is not loaded. Sets are not available. The data contains the error code.

**Event identifier: cpqhsmmsg.dll - 4608 (Hex)0x84351200 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqhsmmsg.dll - 4609 (Hex)0x84351201 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 4610 (Hex)0x84351202 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 4611 (Hex)0x84351203 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 4612 (Hex)0x84351204 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 4613 (Hex)0x84351205 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqhsmmsg.dll - 4623 (Hex)0x8435120f (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent could not access WMI. The WMI support may have not been started or installed. Restart or Install WMI service and restart the agents.

**Event identifier: cpqhsmmsg.dll - 4624 (Hex)0x84351210 (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent requires WMI service to be running. If NT 4.0 installed the latest version of WMI from Microsoft®, WMI service may need to be started.

**Event identifier: cpqhsmmsg.dll - 4625 (Hex)0x84351211 (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent failed to initialize WMI. WMI service may not have started or may still be in the starting state.

**Event identifier: cpqhsmsg.dll - 4626 (Hex)0x84351212 (Service Event)**

Log Severity: Warning (2)

Log Message: The Agent failed to process the MOF file to get the data from WMI. Problem with WMI service or MOF file or wrong file paths used.

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# Storage agents

## Event Identifiers 256-774

**Event identifier: cpqstmsg.dll - 256 (Hex)0x84350100 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service detected an error. The insertion string is: %1. The data contains the error code.

**Event identifier: cpqstmsg.dll - 257 (Hex)0x84350101 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not allocate memory. The data contains the error code.

**Event identifier: cpqstmsg.dll - 258 (Hex)0x84350102 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not register with the Service Control Manager. The data contains the error code.

**Event identifier: cpqstmsg.dll - 259 (Hex)0x84350103 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not set the service status with the Service Control Manager. The data contains the error code.

**Event identifier: cpqstmsg.dll - 260 (Hex)0x84350104 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not create an event object. The data contains the error code.

**Event identifier: cpqstmsg.dll - 261 (Hex)0x84350105 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not open registry key "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 262 (Hex)0x84350106 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not start any agents successfully.

**Event identifier: cpqstmsg.dll - 263 (Hex)0x84350107 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 264 (Hex)0x84350108 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not load the module "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 265 (Hex)0x84350109 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could get the control function for module "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 267 (Hex)0x8435010b (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not start agent "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 268 (Hex)0x8435010c (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service detected an invalid state for agent "%1". The data contains the state.

**Event identifier: cpqstmsg.dll - 269 (Hex)0x8435010d (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not stop agent "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 270 (Hex)0x8435010e (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not terminate agent "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 271 (Hex)0x8435010f (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not unload the module "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 272 (Hex)0x84350110 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not create the registry key "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 273 (Hex)0x84350111 (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agents service could not write the registry value "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 399 (Hex)0xc435018f (Service Event)**

Log Severity: Error (3)

Log Message: The Storage Agents service encountered a fatal error. The service is terminating. The data contains the error code.

**Event identifier: cpqstmsg.dll - 400 (Hex)0x44350190 (Service Event)**

Log Severity: Information (1)

Log Message: The Storage Agents service version %1 has started.

**Event identifier: cpqstmsg.dll - 401 (Hex)0x44350191 (Service Event)**

Log Severity: Information (1)

Log Message: %1

**Event identifier: cpqstmsg.dll - 512 (Hex)0x84350200 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqstmsg.dll - 513 (Hex)0x84350201 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry subkey. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 514 (Hex)0x84350202 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 515 (Hex)0x84350203 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 516 (Hex)0x84350204 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 517 (Hex)0x84350205 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 526 (Hex)0x8435020e (Service Event)**

Log Severity: Warning (2)

Log Message: Unsupported storage system. The ProLiant storage system %1 is not supported by this version of the Storage Agents. Upgrade the agents to the latest version.

**Event identifier: cpqstmsg.dll - 527 (Hex)0x8435020f (Service Event)**

Log Severity: Warning (2)

Log Message: The Drive Array Agent storage system table is full.

**Event identifier: cpqstmsg.dll - 574 (Hex)0x8435023e (Service Event)**

Log Severity: Warning (2)

Log Message: The Drive Array Agent failed to get capacity on SCSI drive because SCSI pass through IOCTL failed.

**Event identifier: cpqstmsg.dll - 768 (Hex)0x84350300 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent detected an invalid data type within an alert definition.

**Event identifier: cpqstmsg.dll - 769 (Hex)0x84350301 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent detected an error while attempting to log an alert remotely. The data contains the error code.

**Event identifier: cpqstmsg.dll - 771 (Hex)0x84350303 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent was unable to log an event in the event log of the system named %1. The data contains the error code.

**Event identifier: cpqstmsg.dll - 772 (Hex)0xc4350304 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent detected a null handle on initialization. The data contains the error code.

**Event identifier: cpqstmsg.dll - 773 (Hex)0xc4350305 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent received an error on WaitForMultipleObjects call. The data contains the error code.

**Event identifier: cpqstmsg.dll - 774 (Hex)0xc4350306 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent received an error on ResetEvent call. The data contains the error code.

## Event Identifiers 1061-1098

**NT Event ID: 1061 (Hex)0xc4350425 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Physical Drive Threshold Exceeded.

Log Message: The physical drive in slot %4, port %5, bay %6 with serial number "%7", has exceeded a drive threshold.

SNMP Trap: cpqDa5PhyDrvThreshPassedTrap - 3030 in CPQIDA.MIB

Symptom: Physical Drive Threshold Passed. This trap indicates that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array, has been exceeded.



User Action: Replace the physical drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaPhyDrvCntlrlIndex
- cpqDaPhyDrvBusNumber
- cpqDaPhyDrvBay
- cpqDaPhyDrvModel
- cpqDaPhyDrvFWRev
- cpqDaPhyDrvSerialNum

Supporting SNMP Trap Description: "Factory threshold passed for a physical drive."

**NT Event ID: 1062 (Hex)0xc4350426 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Logical Drive Status Change.

Log Message: Logical drive number %5 on the array controller in slot %4 has a new status of %2.

SNMP Trap: cpqDa3LogDrvStatusChange - 3008 in CPQIDA.MIB

Symptom: Logical Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array logical drive. The variable cpqDaLogDrvStatus indicates the current logical drive status.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaLogDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqDaLogDrvStatus]."

**NT Event ID: 1063 (Hex)0xc4350427 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Spare Drive Status Change.

Log Message: The spare drive in slot %4, port %5, bay %6 has a new status of %2.

SNMP Trap: cpqDa4SpareStatusChange - 3017 in CPQIDA.MIB

Symptom: Spare Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array spare drive. The variable cpqDaSpareStatus indicates the current spare drive status.

User Action: If the spare drive status is failed, replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaSpareStatus
- cpqDaSpareCntlrlIndex
- cpqDaSpareBusNumber

- cpqDaSpareBay

Supporting SNMP Trap Description: "Spare Status is now [cpqDaSpareStatus]."

**NT Event ID: 1064 (Hex)0xc4350428 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Physical Drive Status Change.

Log Message: The physical drive in slot %4, port %5, bay %6 with serial number "%7", has a new status of %2.

SNMP Trap: cpqDa5PhyDrvStatusChange - 3029 in CPQIDA.MIB

Symptom: Physical Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array physical drive. The variable cpaDaPhyDrvStatus indicates the current physical drive status.

User Action: If the physical drive status is failed(3) or predictiveFailure(4), replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaPhyDrvStatus
- cpqDaPhyDrvCntlrlIndex
- cpqDaPhyDrvBusNumber
- cpqDaPhyDrvBay
- cpqDaPhyDrvModel
- cpqDaPhyDrvFWRev
- cpqDaPhyDrvSerialNum
- cpqDaPhyDrvFailureCode

Supporting SNMP Trap Description: "Physical Drive Status is now [cpqDaPhyDrvStatus]."

**NT Event ID: 1065 (Hex)0xc4350429 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Accelerator Status Change.

Log Message: The array accelerator board attached to the array controller in slot %4 has a new status of %2.

SNMP Trap: cpqDa5AccelStatusChange - 3025 in CPQIDA.MIB

Symptom: Accelerator Board Status Change. This trap indicates that the agent has detected a change in the status of an array accelerator cache board. The current status is represented by the variable cpqDaAccelStatus.

User Action: If the accelerator board status is permDisabled(5), you may need to replace the accelerator board.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrlSlot
- cpqDaCntlrlModel

- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory
- cpqDaAccelStatus
- cpqDaAccelErrCode

Supporting SNMP Trap Description: "Status is now [cpqDaAccelStatus]."

**NT Event ID: 1066 (Hex)0xc435042a (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Accelerator Bad Data.

Log Message: The array accelerator board attached to the array controller in slot %4 is reporting that it contains bad cached data.

SNMP Trap: cpqDa5AccelBadDataTrap - 3026 in CPQIDA.MIB

Symptom: Accelerator Board Bad Data. This trap indicates that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.

User Action: Verify that no data has been lost.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrSlot
- cpqDaCntlrModel
- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory

Supporting SNMP Trap Description: "Accelerator lost battery power. Data Loss possible."

**NT Event ID: 1067 (Hex)0xc435042b (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Drive Array Accelerator Battery Failed.

Log Message: The array accelerator board attached to the array controller in slot %4 is reporting a battery failure.

SNMP Trap: cpqDa5AccelBatteryFailed - 3027 in CPQIDA.MIB

Symptom: Accelerator Board Battery Failed. This trap indicates that the agent has detected a battery failure associated with the array accelerator cache board.

User Action: Replace the Accelerator Cache Board.

Supporting SNMP Trap Data:

sysName

- cpqHoTrapFlags
- cpqDaCntlrSlot
- cpqDaCntlrModel
- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory

Supporting SNMP Trap Description: "Battery status is failed."

**NT Event ID: 1068 (Hex)0xc435042c (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: SCSI Controller Status Change.

Log Message: The SCSI controller in slot %4, SCSI bus %5 has a new status of %2.

SNMP Trap: cpqScsi3CntlrStatusChange - 5005 in CPQSCSI.MIB

Symptom: SCSI Controller Status Change. The Insight Agent has detected a change in the controller status of a SCSI Controller. The variable cpqScsiCntlrStatus indicates the current controller status.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqScsiCntlrStatus

Supporting SNMP Trap Description: "Status is now [cpqScsiCntlrStatus]."

**NT Event ID: 1069 (Hex)0xc435042d (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: SCSI Logical Drive Status Change.

Log Message: The SCSI logical drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4, SCSI has a new status of %2.

SNMP Trap: cpqScsi3LogDrvStatusChange - 5021 in CPQSCSI.MIB

Symptom: Logical Drive Statuses Change. The Storage Agent has detected a change in the status of a SCSI logical drive. The current logical drive status is indicated in the cpqScsiLogDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqScsiLogDrvStatus
- cpqScsiLogDrvCntlrIndex
- cpqScsiLogDrvBusIndex
- cpqScsiLogDrvIndex
- cpqScsiLogDrvOsName

Supporting SNMP Trap Description: "Status is now [cpqScsiLogDrvStatus]."

**NT Event ID: 1070 (Hex)0xc435042e (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: SCSI Physical Drive Status Change.

Log Message: The SCSI physical drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a new status of %2.

SNMP Trap: cpqScsi5PhyDrvStatusChange - 5020 in CPQSCSI.MIB

Symptom: Physical Drive Status Change. The Storage Agent has detected a change in the status of a SCSI physical drive. The current physical drive status is indicated in the cpqScsiPhyDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqScsiPhyDrvStatus
- cpqScsiPhyDrvCntlrlIndex
- cpqScsiPhyDrvBusIndex
- cpqScsiPhyDrvIndex
- cpqScsiPhyDrvVendor
- cpqScsiPhyDrvModel
- cpqScsiPhyDrvFWRev
- cpqScsiPhyDrvSerialNum
- cpqScsiPhyDrvOsName

Supporting SNMP Trap Description: "Status is now [cpqScsiPhyDrvStatus]."

**NT Event ID: 1075 (Hex)0x84350433 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fan Status Change.

Log Message: The %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4 has a new status of %2.

SNMP Trap: cpqSs3FanStatusChange - 8008 in CPQSTSYS.MIB

Symptom: Storage System fan status change. The agent has detected a change in the Fan Status of a storage system. The variable cpqSsBoxFanStatus indicates the current fan status.

User Action: If the fan status is degraded or failed, replace any failed fans.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxFanStatus

Supporting SNMP Trap Description: "Storage System fan status changed to [cpqSsBoxFanStatus]."

**NT Event ID: 1076 (Hex)0xc4350434 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: Storage System Temperature Failure.

Log Message: The %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4 has a failed temperature status. Shut down the storage system as soon as possible.

SNMP Trap: cpqSs3TempFailed - 8009 in CPQSTSYS.MIB

Symptom: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system is shut down.

User Action: Shut down the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxTempStatus

Supporting SNMP Trap Description: "Storage System will be shut down."

**NT Event ID: 1077 (Hex)0x84350435 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Temperature Degraded.

Log Message: The %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4 system has a temperature outside the normal operating range.

SNMP Trap: cpqSs3TempDegraded - 8010 in CPQSTSYS.MIB

Symptom: Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range.

User Action: Shut down the storage system as soon as possible. Be sure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxTempStatus

Supporting SNMP Trap Description: "Temp is outside of normal range."

**NT Event ID: 1078 (Hex)0x44350436 (cpqstmsg.dll)**

Log Severity: Information (1)

Event Title: Storage System Temperature OK.

Log Message: The temperature in the %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4 has returned to the normal operating range.

SNMP Trap: cpqSs3TempOk - 8011 in CPQSTSYS.MIB

Symptom: Storage System temperature OK. The temperature status has been set to OK. The storage system's temperature has returned to normal operating range. It may be reactivated by the administrator.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxTempStatus

Supporting SNMP Trap Description: "Storage System temperature ok."

**Event identifier: cpqstmsg.dll - 1098 (Hex)0x4435044a (Service Event)**

Log Severity: Information (1)

Log Message: Drive Array Physical Drive Monitoring is not enabled. The physical drive in slot %4, port %5, bay %6 with serial number "%7", does not have drive threshold monitoring enabled.

## Event Identifiers 1101-1199

**NT Event ID: 1101 (Hex)0x8435044d (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Side Panel Removed.

Log Message: The side panel has been removed on the %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4.

SNMP Trap: cpqSs3SidePanelRemoved - 8013 in CPQSTSYS.MIB

Symptom: Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to air flow changes caused by the missing side panel.

User Action: Replace the storage system side panel.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxSidePanelStatus

Supporting SNMP Trap Description: "Side panel is removed from unit."

**NT Event ID: 1102 (Hex)0x4435044e (cpqstmsg.dll)**

Log Severity: Information (1)

Event Title: Storage System Side Panel In Place.

Log Message: The side panel has been replaced on the %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4.

SNMP Trap: cpqSs3SidePanelInPlace - 8012 in CPQSTSYS.MIB

Symptom: Storage System side panel is in place. The side panel status has been set to in place. The storage system's side panel has returned to a properly installed state.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxSidePanelStatus

Supporting SNMP Trap Description: "Side panel is re-installed on unit."

**NT Event ID: 1104 (Hex)0x84350450 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fault Tolerant Power Supply Degraded.

Log Message: The fault tolerant power supply in the %6 %7 storage system connected to SCSI bus %5 of the controller in slot %4 has a degraded status. Restore power or replace any failed power supply.

SNMP Trap: cpqSs4PwrSupplyDegraded - 8015 in CPQSTSYS.MIB

Symptom: A storage system power supply status has been set to degraded.

User Action: Restore power or replace any failed storage system power supply.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqSsBoxFltTolPwrSupplyStatus

Supporting SNMP Trap Description: "A storage system power supply unit has become degraded."

**NT Event ID: 1107 (Hex)0xc4350453 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: SCSI Tape Drive Status Change.

Log Message: The tape drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a new status of %2.

SNMP Trap: cpqTape4PhyDrvStatusChange - 5016 in CPQSCSI.MIB

Symptom: Tape Drive Status Change. The Storage Agent has detected a change in the status of a Tape drive. The current physical drive status is indicated in the cpqTapePhyDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapePhyDrvCntlIndex
- cpqTapePhyDrvBusIndex
- cpqTapePhyDrvScsildIndex
- cpqTapePhyDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqTapePhyDrvStatus]."

**NT Event ID: 1119 (Hex)0x8435045f (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Drive Head Needs Cleaning.

Log Message: The tape drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 needs to have a cleaning tape inserted and run.

SNMP Trap: cpqTape3PhyDrvCleaningRequired - 5008 in CPQSCSI.MIB

Symptom: Tape Drive Cleaning Required trap. The Insight Agent has detected a tape drive that needs to have a cleaning tape inserted and run. This causes the tape drive heads to be cleaned.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapePhyDrvCondition

Supporting SNMP Trap Description: "Status is now [cpqTapePhyDrvCondition]."

**NT Event ID: 1120 (Hex)0x84350460 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Drive Cleaning Tape Needs Replacing.

Log Message: The tape drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 needs the cleaning tape replaced.

SNMP Trap: cpqTape3PhyDrvCleanTapeReplace - 5009 in CPQSCSI.MIB



Symptom: Tape Drive Cleaning Tape Needs Replacing. The Insight Agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapePhyDrvCondition

Supporting SNMP Trap Description: "Status is now [cpqTapePhyDrvCondition]."

**NT Event ID: 1121 (Hex)0x84350461 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: IDE Drive Status Degraded.

Log Message: The IDE drive %4 has a degraded status and should be scheduled for replacement.

SNMP Trap: cpqIdeDriveDegraded - 14001 in CPQIDE.MIB

Symptom: An IDE drive status has been set to degraded.

User Action: The drive should be scheduled for replacement. For detailed information on a component replacement, see the appropriate Maintenance and Service Guide.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqIdeIdentIndex

Supporting SNMP Trap Description: "IDE drive [cpqIdeIdentIndex] has become degraded."

**NT Event ID: 1122 (Hex)0x44350462 (cpqstmsg.dll)**

Log Severity: Information (1)

Event Title: IDE Drive Status OK.

Log Message: The IDE drive %4 has returned to a normal operating condition.

SNMP Trap: cpqIdeDriveOk - 14002 in CPQIDE.MIB

Symptom: An IDE drive status has been set to OK.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqIdeIdentIndex

Supporting SNMP Trap Description: "IDE drive [cpqIdeIdentIndex] has returned to normal operating condition."

**NT Event ID: 1145 (Hex)0xc4350479 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Logical Drive Status Change.

Log Message: Logical drive number %5 on array "%4" has a new status of %6.

SNMP Trap: cpqExtArrayLogDrvStatusChange - 16022 in CPQFCA.MIB

Symptom: External Array Logical Drive Status Change. This trap indicates that the agent has detected a change in the status of an External Array logical drive. The variable cpqFcaLogDrvStatus indicates the current logical drive status.

User Action: If the logical drive status is failed, examine the array for failed drives that need replacement.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaLogDrvBoxIndex
- cpqFcaLogDrvIndex
- cpqFcaLogDrvStatus
- cpqFcaLogDrvOsName
- cpqFcaLogDrvFaultTol
- cpqFcaLogDrvSize

Supporting SNMP Trap Description: "Status is now [cpqFcaLogDrvStatus]."

**NT Event ID: 1146 (Hex)0xc435047a (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Physical Drive Status Change.

Log Message: The physical drive in port %5, bay %6 on array "%4" has a new status of %7.

SNMP Trap: cpqFca2PhyDrvStatusChange - 16016 in CPQFCA.MIB

Symptom: External Array Physical Drive Status Change. This trap indicates that the agent has detected a change in the status of a physical drive. The variable cpaFcaPhyDrvStatus indicates the current physical drive status.

User Action: If the physical drive status is threshExceeded(4), predictiveFailure(5) or failed(6), replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaPhyDrvBusNumber
- cpqFcaPhyDrvBay
- cpqFcaPhyDrvStatus

- cpqFcaPhyDrvModel
- cpqFcaPhyDrvSerialNum
- cpqFcaPhyDrvFWRev
- cpqFcaPhyDrvFailureCode

Supporting SNMP Trap Description: "Status is now [cpqFcaPhyDrvStatus] for a physical drive on bus [cpqFcaPhyDrvBusNumber], bay [cpqFcaPhyDrvBay]."

**NT Event ID: 1147 (Hex)0xc435047b (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Spare Drive Status Change.

Log Message: The spare drive in port %5, bay %6 on array "%4" has a new status of %7.

SNMP Trap: cpqFcaSpareStatusChange - 16002 in CPQFCA.MIB

Symptom: External Array Spare Drive Status Change. This trap indicates that the agent has detected a change in the status of an External Channel Array spare drive. The variable cpqFcaSpareStatus indicates the current spare drive status. The variable cpqFcaSpareBusNumber indicates the SCSI bus number associated with this drive.

User Action: If the spare drive status is failed, replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaSpareBusNumber
- cpqFcaSpareBay
- cpqFcaSpareStatus

Supporting SNMP Trap Description: "Spare Status is now [cpqFcaSpareStatus] on bus [cpqFcaSpareBusNumber]."

**NT Event ID: 1148 (Hex)0xc435047c (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Accelerator Status Change.

Log Message: The array accelerator board attached to the external controller in I/O slot %5 of array "%4" has a new status of %6.

SNMP Trap: cpqFca2AccelStatusChange - 16017 in CPQFCA.MIB

Symptom: External Array Accelerator Board Status Change. This trap indicates that the agent has detected a change in the status of an Array Accelerator Cache Board. The current status is represented by the variable cpqFcaAccelStatus.

User Action: If the accelerator board status is permDisabled(5), you may need to replace the accelerator board.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaAccelBoxIoSlot
- cpqFcaAccelStatus
- cpqFcaCntlrModel
- cpqFcaAccelSerialNumber
- cpqFcaAccelTotalMemory
- cpqFcaAccelErrCode

Supporting SNMP Trap Description: "Status is now [cpqFcaAccelStatus]."

**NT Event ID: 1149 (Hex)0xc435047d (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Accelerator Bad Data.

Log Message: The array accelerator board attached to the external controller in I/O slot %5 of array "%4" is reporting that it contains bad cached data.

SNMP Trap: cpqFca2AccelBadDataTrap - 16018 in CPQFCA.MIB

Symptom: External Array Accelerator Board Bad Data. This trap indicates that the agent has detected an Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost.

User Action: Verify that no data has been lost.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaAccelBoxIoSlot
- cpqFcaCntlrModel
- cpqFcaAccelSerialNumber
- cpqFcaAccelTotalMemory

Supporting SNMP Trap Description: "Accelerator lost battery power. Data Loss possible."

**NT Event ID: 1150 (Hex)0xc435047e (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Accelerator Battery Failed.

Log Message: The array accelerator board attached to the external controller in I/O slot %5 of array "%4" is reporting a battery failure.

SNMP Trap: cpqFca2AccelBatteryFailed - 16019 in CPQFCA.MIB

Symptom: External Array Accelerator Board Battery failed. This trap indicates that the agent has detected a battery failure associated with the Array Accelerator Cache Board.

User Action: Replace the Accelerator Cache Board.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaAccelBoxloSlot
- cpqFcaCntlrModel
- cpqFcaAccelSerialNumber
- cpqFcaAccelTotalMemory

Supporting SNMP Trap Description: "Battery status is failed."

**NT Event ID: 1151 (Hex)0xc435047f (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: External Array Controller Status Change.

Log Message: The external controller in I/O slot %5 of array "%4" has a new status of %6.

SNMP Trap: cpqFca2CntlrStatusChange - 16020 in CPQFCA.MIB

Symptom: External Array Controller Status Change. This trap indicates that the agent has detected a change in the status of an External Array Controller. The variable cpqFcaCntlrStatus indicates the current controller status.

User Action: If the controller status is offline(4), access to the storage box has been lost. Check the storage box and all fibre channel connections for problems.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqFcaCntlrBoxloSlot
- cpqFcaCntlrStatus
- cpqFcaCntlrModel
- cpqFcaCntlrSerialNumber
- cpqFcaAccelTotalMemory

Supporting SNMP Trap Description: "Status is now [cpqFcaCntlrStatus]."

**NT Event ID: 1152 (Hex)0x84350480 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fan Module Status Change.

Log Message: Storage system "%4" fan module at location %5 has a new status of %6.

SNMP Trap: cpqSsEx2FanStatusChange - 8020 in CPQSTSYS.MIB

Symptom: Storage system fan status change. The agent has detected a change in the fan module status of a storage system. The variable cpqSsFanModuleStatus indicates the current fan status.

User Action: If the fan status is degraded or failed, replace any failed fans.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsFanModuleLocation
- cpqSsFanModuleStatus
- cpqSsFanModuleSerialNumber
- cpqSsFanModuleBoardRevision

Supporting SNMP Trap Description: "Storage system fan status changed to [cpqSsFanModuleStatus]."

**NT Event ID: 1153 (Hex)0x84350481 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Power Supply Status Change.

Log Message: Storage system "%4" power supply in bay %5 has a new status of %6.

SNMP Trap: cpqSsEx2PowerSupplyStatusChange - 8021 in CPQSTSYS.MIB

Symptom: Storage system power supply status change. The agent has detected a change in the power supply status of a storage system. The variable cpqSsPowerSupplyStatus indicates the current status.

User Action: If the power supply status is failed, restore power or replace the failed power supply.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsPowerSupplyBay
- cpqSsPowerSupplyStatus
- cpqSsPowerSupplySerialNumber
- cpqSsPowerSupplyBoardRevision
- cpqSsPowerSupplyFirmwareRevision

Supporting SNMP Trap Description: "Storage system power supply status changed to [cpqSsPowerSupplyStatus]."

**NT Event ID: 1154 (Hex)0x84350482 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Power Supply UPS Status Change.

Log Message: The UPS attached to storage system "%4" power supply bay %5 has a new status of %7.

SNMP Trap: cpqSsExPowerSupplyUpsStatusChange - 8018 in CPQSTSYS.MIB

Symptom: Storage system power supply UPS status change. The agent has detected a change status of a UPS attached to a storage system power supply. The variable cpqSsPowerSupplyUpsStatus indicates the current status.

User Action: If the UPS status is powerFailed(4) or batteryLow(5), restore power to the UPS.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsPowerSupplyBay
- cpqSsPowerSupplyUpsStatus

Supporting SNMP Trap Description: "Storage system power supply UPS status changed to [cpqSsPowerSupplyUpsStatus]."

**NT Event ID: 1155 (Hex)0x84350483 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Temperature Sensor Status Change.

Log Message: Storage system "%4" temperature sensor at location %5 has a new status of %6 and a current temperature value of %7 celsius.

SNMP Trap: cpqSsExTempSensorStatusChange - 8019 in CPQSTSYS.MIB

Symptom: Storage system temperature sensor status change. The agent has detected a change in the status of a storage system temperature sensor. The variable cpqSsTempSensorStatus indicates the current status.

User Action: If the temperature status is degraded or failed, shut down the storage system as soon as possible. Be sure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsTempSensorLocation
- cpqSsTempSensorStatus
- cpqSsTempSensorCurrentValue

Supporting SNMP Trap Description: "Storage system temperature sensor status changed to [cpqSsTempSensorStatus]."

**NT Event ID: 1156 (Hex)0x84350484 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library Failed.

Log Message: The SCSI tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has encountered an error.

SNMP Trap: cpqTape3LibraryFailed - 5010 in CPQSCSI.MIB

Symptom: Tape Library Error. The Insight Agent has detected that an autoloader unit has encountered an error.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqTapeLibrarySerialNumber

Supporting SNMP Trap Description: "Tape library [cpqTapeLibrarySerialNumber] is not operational."

**NT Event ID: 1157 (Hex)0x84350485 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library OK.

Log Message: The SCSI tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has recovered from errors.

SNMP Trap: cpqTape3LibraryOkay - 5011 in CPQSCSI.MIB

Symptom: Tape Library Okay. The Insight Agent has detected that an autoloader unit has recovered from errors.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapeLibrarySerialNumber

Supporting SNMP Trap Description: "Tape Library [cpqTapeLibrarySerialNumber] Recovered."

**NT Event ID: 1158 (Hex)0x84350486 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library Degraded.

Log Message: The SCSI tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 is in a degraded condition.

SNMP Trap: cpqTape3LibraryDegraded - 5012 in CPQSCSI.MIB

Symptom: Tape Library Degraded. The Insight Agent has detected that an autoloader unit is in a degraded condition.

- Supporting SNMP Trap Data:
- sysName
- cpqHoTrapFlags
- cpqTapeLibrarySerialNumber

Supporting SNMP Trap Description: "Tape library [cpqTapeLibrarySerialNumber] is in a degraded condition."

**NT Event ID: 1159 (Hex)0x84350487 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library Door Open.

Log Message: The SCSI tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a door open, so the unit is not operational.

SNMP Trap: cpqTape3LibraryDoorOpen - 5013 in CPQSCSI.MIB

Symptom: Tape Library Door Open. The Insight Agent has detected that the door on an autoloader is open, so the unit is not operational.

Supporting SNMP Trap Data:

- sysName



- cpqHoTrapFlags
- cpqTapeLibrarySerialNumber

Supporting SNMP Trap Description: "Tape library [cpqTapeLibrarySerialNumber] door opened."

**NT Event ID: 1160 (Hex)0x84350488 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library Door Closed.

Log Message: The SCSI tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a closed door and is now operational.

SNMP Trap: cpqTape3LibraryDoorClosed - 5014 in CPQSCSI.MIB

Symptom: Tape Library Door Closed. The Insight Agent has detected that the door on an autoloader has closed.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapeLibrarySerialNumber

Supporting SNMP Trap Description: "Tape library [cpqTapeLibrarySerialNumber] door closed."

**NT Event ID: 1161 (Hex)0xc4350489 (cpqstmsg.dll)**

Log Severity: Error (3)

Event Title: SCSI CD Library Status Change.

Log Message: The CD Library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a new status of %2.

SNMP Trap: cpqScsiCdLibraryStatusChange - 5015 in CPQSCSI.MIB

Symptom: CD Library Status Change. The Insight Agent has detected a change in the status of a CD Library device. The current CD Library status is indicated in the cpqScsiCdLibraryStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqCdLibraryCntlIndex
- cpqCdLibraryBusIndex
- cpqCdLibraryScsildIndex
- cpqCdLibraryStatus

Supporting SNMP Trap Description: "Status is now [cpqCdLibraryStatus]."

**NT Event ID: 1164 (Hex)0x8435048c (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Controller Status Change.

Log Message: The Drive Array Controller in slot %4 has a new status of %5.

SNMP Trap: cpqDa5CntlrStatusChange - 3028 in CPQIDA.MIB

Symptom: Controller Status Change. This trap indicates that the agent has detected a change in the status of a drive array controller. The variable `cpqDaCntlrBoardStatus` indicates the current controller status.

User Action: If the board status is `generalFailure(3)`, you may need to replace the controller. If the board status is `cableProblem(4)`, check the cable connections between the controller and the storage system.

Supporting SNMP Trap Data:

- `sysName`
- `cpqHoTrapFlags`
- `cpqDaCntlrSlot`
- `cpqDaCntlrBoardStatus`
- `cpqDaCntlrModel`
- `cpqDaCntlrSerialNumber`
- `cpqDaCntlrFWRev`
- `cpqDaAccelTotalMemory`

Supporting SNMP Trap Description: "Status is now [`cpqDaCntlrBoardStatus`]."

**NT Event ID: 1165 (Hex)0x8435048d (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Controller Active.

Log Message: The Drive Array Controller in slot %4 has become the active controller.

SNMP Trap: `cpqDaCntlrActive` - 3016 in CPQIDA.MIB

Symptom: Controller Active. This trap indicates that the agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable `cpqDaCntlrSlot` indicates the active controller slot, and `cpqDaCntlrPartnerSlot` indicates the backup.

User Action: Check the partner controller for problems. If this was the result of a user initiated switch-over, no action is required.

Supporting SNMP Trap Data:

- `sysName`
- `cpqHoTrapFlags`
- `cpqDaCntlrSlot`
- `cpqDaCntlrPartnerSlot`

Supporting SNMP Trap Description: "Controller in slot [`cpqDaCntlrSlot`] is now active."

**NT Event ID: 1173 (Hex)0x84350495 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Controller Status Change.

Log Message: Fibre Channel tape controller with world wide name "%4" has a new status of %5.

SNMP Trap: `cpqFcTapeCntlrStatusChange` - 16008 in CPQFCA.MIB

Symptom: Fibre Channel Tape Controller Status Change. This trap indicates that the agent has detected a change in the status of a Fiber Channel Tape Controller. The variable

cpqFcTapeCntlrStatus indicates the current tape controller status. The variable cpqFcTapeCntlrWWN indicates the unique tape controller world wide name associated with this controller.

User Action: If the tape controller status is offline, access to the tape library and tapes has been lost. Check the tape library and all Fibre connections for problems.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeCntlrStatus

Supporting SNMP Trap Description: "Status is now [cpqFcTapeCntlrStatus] for tape controller [cpqFcTapeCntlrWWN]."

**NT Event ID: 1174 (Hex)0x84350496 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Library Status Change.

Log Message: The Fibre Channel tape library on tape controller with world wide name "%4", SCSI bus %5, SCSI target %6, has a new status of %7.

SNMP Trap: cpqFcTapeLibraryStatusChange - 16009 in CPQFCA.MIB

Symptom: Fibre Channel Tape Library Status Change. This trap indicates that the agent has detected a change in the status of a Fiber Channel Tape library. The variable cpqFcTapeLibraryStatus indicates the current tape library status. The variable cpqFcTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library is failed or is offline, check the tape library front panel and all fibre channel connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeLibraryScsiBus
- cpqFcTapeLibraryScsiTarget
- cpqFcTapeLibraryScsiLun
- cpqFcTapeLibraryStatus

Supporting SNMP Trap Description: "Status is now [cpqFcTapeLibraryStatus] for the tape library."

**NT Event ID: 1175 (Hex)0x84350497 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Library Door Status Change.

Log Message: The Fibre Channel tape library on tape controller with world wide name "%4", SCSI bus %5, SCSI target %6, has a new door status of %7.

SNMP Trap: cpqFcTapeLibraryDoorStatusChange - 16010 in CPQFCA.MIB

Symptom: Fibre Channel Tape Library Door Status Change. This trap indicates that the agent has detected a change in the door status of a Fiber Channel Tape library. The variable

cpqFcTapeLibraryDoorStatus indicates the current tape library door status. The variable cpqFcTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library door is open, close the tape library door.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeLibraryScsiBus
- cpqFcTapeLibraryScsiTarget
- cpqFcTapeLibraryScsiLun
- cpqFcTapeLibraryDoorStatus

Supporting SNMP Trap Description: "The door is [cpqFcTapeLibraryDoorStatus] for tape library."

**NT Event ID: 1176 (Hex)0x84350498 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Drive Status Change.

Log Message: The Fibre Channel tape drive on tape controller with world wide name "%4", SCSI bus %5, SCSI target %6, has a new status of %7.

SNMP Trap: cpqFcTapeDriveStatusChange - 16011 in CPQFCA.MIB

Symptom: Fibre Channel Tape Drive Status Change. This trap indicates that the agent has detected a change in the status of a Fiber Channel Tape Drive. The variable cpqFcTapeDriveStatus indicates the current tape status. The variable cpqFcTapeDriveScsiTarget indicates the SCSI ID of the tape drive.

User Action: If the tape is failed or is offline, check the tape and all fibre channel connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun
- cpqFcTapeDriveStatus

Supporting SNMP Trap Description: "Status is now [cpqFcTapeDriveStatus] for a tape drive."

**Event ID: 1177 (Hex)0x84350499 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Drive Cleaning Required.

Log Message: The Fibre Channel tape drive on tape controller with world wide name "%4", SCSI bus %5, SCSI target %6, requires cleaning.

SNMP Trap: cpqFcTapeDriveCleaningRequired - 16012 in CPQFCA.MIB

Symptom: Fibre Channel Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This causes the tape drive heads to be cleaned.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun

Supporting SNMP Trap Description: "Cleaning is needed for tape drive."

**NT Event ID: 1178 (Hex)0x8435049a (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Tape Drive Replace Cleaning Tape.

Log Message: The cleaning tape in the Fibre Channel tape drive on tape controller with world wide name "%4", SCSI bus %5, SCSI target %6, needs to be replaced.

SNMP Trap: cpqFcTapeDriveCleanTapeReplace - 16013 in CPQFCA.MIB

Symptom: Fibre Channel Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeCntlrWWN
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun

Supporting SNMP Trap Description: "Cleaning tape needs replacing."

**NT Event ID: 1179 (Hex)0x8435049b (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Array Controller Active.

Log Message: The external controller in I/O slot %5 of array "%4" has become the active controller.

SNMP Trap: cpqFcaCntlrActive - 16014 in CPQFCA.MIB

Symptom: Fibre Array Controller Active. This trap indicates that the Storage Agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqFcaCntlrBoxloSlot indicates the new active controller index.

User Action: Check the partner controller for problems. If this was the result of a user initiated switch-over, no action is required.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime

- cpqFcaCntlRBoxloSlot

Supporting SNMP Trap Description: "Controller in I/O slot [cpqFcaCntlRBoxloSlot] is now active on chassis [cpqSsChassisName]."

**NT Event ID: 1180 (Hex)0x8435049c (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Library Status Change.

Log Message: The tape library in slot %4, SCSI bus %5, SCSI target %6 has a new status of %7.

SNMP Trap: cpqDa2TapeLibraryStatusChange - 3031 in CPQIDA.MIB

Symptom: Tape Library Status Change. This trap indicates that the agent has detected a change in the status of a tape library. The variable cpqDaTapeLibraryStatus indicates the current tape library status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library is failed, check the tape library front panel.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaTapeLibraryCntlRIndex
- cpqDaTapeLibraryScsiBus
- cpqDaTapeLibraryScsiTarget
- cpqDaTapeLibraryScsiLun
- cpqDaTapeLibraryModel
- cpqDaTapeLibraryFWRev
- cpqDaTapeLibrarySerialNumber
- cpqDaTapeLibraryStatus

Supporting SNMP Trap Description: "Status is now [cpqDaTapeLibraryStatus] for the tape library."

**NT Event ID: 1181 (Hex)0x8435049d (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Library Door Status Change.

Log Message: The tape library in slot %4, SCSI bus %5, SCSI target %6 has a new door status of %7.

SNMP Trap: cpqDaTapeLibraryDoorStatusChange - 3021 in CPQIDA.MIB

Symptom: Tape Library Door Status Change. This trap indicates that the agent has detected a change in the door status of a tape library. The variable cpqDaTapeLibraryDoorStatus indicates the current tape library door status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library door is open, close the tape library door.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaTapeLibraryCntlRIndex
- cpqDaTapeLibraryScsiBus
- cpqDaTapeLibraryScsiTarget

- cpqDaTapeLibraryScsiLun
- cpqDaTapeLibraryDoorStatus

Supporting SNMP Trap Description: "The door is [cpqDaTapeLibraryDoorStatus] for tape library."

**NT Event ID: 1182 (Hex)0x8435049e (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Status Change.

Log Message: The tape drive in slot %4, SCSI bus %5, SCSI target %6 has a new status of %7.

SNMP Trap: cpqDa2TapeDriveStatusChange - 3032 in CPQIDA.MIB

Symptom: Tape Drive Status Change. This trap indicates that the agent has detected a change in the status of a tape drive. The variable cpqDaTapeDrvStatus indicates the current tape status. The variable cpqDaTapeDrvScsildIndex indicates the SCSI ID of the tape drive.

User Action: If the tape is failed, check the tape and all SCSI connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaTapeDrvCntlrlIndex
- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex
- cpqDaTapeDrvName
- cpqDaTapeDrvFwRev
- cpqDaTapeDrvSerialNumber
- cpqDaTapeDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqDaTapeDrvStatus] for a tape drive."

**NT Event ID: 1183 (Hex)0x8435049f (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Cleaning Required.

Log Message: The tape drive in slot %4, SCSI bus %5, SCSI target %6 requires cleaning.

SNMP Trap: cpqDaTapeDriveCleaningRequired - 3023 in CPQIDA.MIB

Symptom: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This causes the tape drive heads to be cleaned.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaTapeDrvCntlrlIndex
- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex

Supporting SNMP Trap Description: "Cleaning is needed for the tape drive."

**NT Event ID: 1184 (Hex)0x843504a0 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Replace Cleaning Tape.

Log Message: The cleaning tape in the tape drive in slot %4, SCSI bus %5, SCSI target %6 needs to be replaced.

SNMP Trap: cpqDaTapeDrvCleanTapeReplace - 3024 in CPQIDA.MIB

Symptom: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaTapeDrvCntlrIndex
- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex

Supporting SNMP Trap Description: "Cleaning tape needs replacing."

**NT Event ID: 1185 (Hex)0x843504a1 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Controller Status Change.

Log Message: The Fibre Channel Controller in slot %4 has a new status of %5.

SNMP Trap: cpqFca2HostCntlrStatusChange - 16021 in CPQFCA.MIB

Symptom: Fibre Channel Host Controller Status Change. This trap indicates that the agent has detected a change in the status of a Fibre Channel Host Controller. The variable cpqFcaHostCntlrStatus indicates the current controller status.

User Action: If the controller status is failed, replace the controller.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcaHostCntlrSlot
- cpqFcaHostCntlrStatus
- cpqFcaHostCntlrModel
- cpqFcaHostCntlrWorldWideName

Supporting SNMP Trap Description: "Host controller in slot [cpqFcaHostCntlrSlot] has a new status of [cpqFcaHostCntlrStatus]."

**NT Event ID: 1186 (Hex)0x843504a2 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: IDE ATA Disk Status Change.

Log Message: The ATA disk drive with model %6 and serial number %7 has a new status of %2.



SNMP Trap: cpqldeAtaDiskStatusChange - 14004 in CPQIDE.MIB

Symptom: ATA Disk Status Change. This trap indicates that the agent has detected a change in the status of an ATA disk drive. The variable cpqldeAtaDiskStatus indicates the current disk drive status.

User Action: If the physical drive status is smartError(3) or failed(4), replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqldeAtaDiskControllerIndex
- cpqldeAtaDiskIndex
- cpqldeAtaDiskModel
- cpqldeAtaDiskFwRev
- cpqldeAtaDiskSerialNumber
- cpqldeAtaDiskStatus
- cpqldeAtaDiskChannel
- cpqldeAtaDiskNumber

Supporting SNMP Trap Description: "Status is now [cpqldeAtaDiskStatus] for the ATA disk."

**NT Event ID: 1187 (Hex)0x843504a3 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: ATA RAID Logical Drive Status Change.

Log Message: ATA RAID logical drive number %6 on the "%5" in slot %4 has a new status of %2.

SNMP Trap: cpqldeLogicalDriveStatusChange - 14005 in CPQIDE.MIB

Symptom: IDE Logical Drive Status Change. This trap indicates that the agent has detected a change in the status of an IDE logical drive. The variable cpqldeLogicalDriveStatus indicates the current logical drive status.

User Action: If the logical drive status is failed(5), examine the array for failed drives that need replacement.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqldeControllerModel
- cpqldeControllerSlot
- cpqldeLogicalDriveControllerIndex
- cpqldeLogicalDriveIndex
- cpqldeLogicalDriveStatus

Supporting SNMP Trap Description: "Status is now [cpqldeLogicalDriveStatus] for the IDE logical drive."

**NT Event ID: 1188 (Hex)0x843504a4 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fan Status Change.

Log Message: An enclosure attached to port %5 of storage system "%4" has a new fan status of %7. The enclosure model is "%6".

SNMP Trap: cpqSsExBackplaneFanStatusChange - 8022 in CPQSTSYS.MIB

Symptom: Storage System Fan Status Change. The agent has detected a change in the fan status of a storage system. The variable cpqSsBackplaneFanStatus indicates the current fan status.

User Action: If the fan status is degraded or failed, replace any failed fans.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsBackplaneIndex
- cpqSsBackplaneVendor
- cpqSsBackplaneModel
- cpqSsBackplaneSerialNumber
- cpqSsBackplaneFanStatus

Supporting SNMP Trap Description: "Storage system fan status changed to [cpqSsBackplaneFanStatus]."

#### **NT Event ID: 1189 (Hex)0x843504a5 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Temperature Status Change.

Log Message: An enclosure attached to port %5 of storage system "%4" has a new temperature status of %7. The enclosure model is "%6".

SNMP Trap: cpqSsExBackplaneTempStatusChange - 8023 in CPQSTSYS.MIB

Symptom: Storage System Temperature Status Change. The agent has detected a change in the status of the temperature in a storage system. The variable cpqSsBackplaneTempStatus indicates the current status.

User Action: If the temperature status is degraded or failed, shut down the storage system as soon as possible. Be sure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsBackplaneIndex
- cpqSsBackplaneVendor
- cpqSsBackplaneModel
- cpqSsBackplaneSerialNumber
- cpqSsBackplaneTempStatus

Supporting SNMP Trap Description: "Storage system temperature status changed to [cpqSsBackplaneTempStatus]."

**NT Event ID: 1190 (Hex)0x843504a6 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Power Supply Status Change.

Log Message: An enclosure attached to port %5 of storage system "%4" has a new power supply status of %7. The enclosure model is "%6".

SNMP Trap: cpqSsExBackplanePowerSupplyStatusChange - 8024 in CPQSTSYS.MIB

Symptom: Storage System Power Supply Status Change. The agent has detected a change in the power supply status of a storage system. The variable cpqSsBackplaneFtpsStatus indicates the current status.

User Action: If the power supply status is degraded, restore power or replace the failed power supply.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsBackplaneIndex
- cpqSsBackplaneVendor
- cpqSsBackplaneModel
- cpqSsBackplaneSerialNumber
- cpqSsBackplaneFtpsStatus

Supporting SNMP Trap Description: "Storage system power supply status changed to [cpqSsBackplaneFtpsStatus]."

**NT Event ID: 1191 (Hex)0x843504a7 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Library Status Change.

Log Message: The tape library with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a new status of %7.

SNMP Trap: cpqTapeLibraryStatusChange - 5018 in CPQSCSI.MIB

Symptom: Tape Library Status Change. The Storage Agent has detected a change in the status of a tape library. The current tape library status is indicated in the cpqTapeLibraryState variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapeLibraryCntlrlIndex
- cpqTapeLibraryBusIndex
- cpqTapeLibraryScsildIndex
- cpqTapeLibraryLunIndex
- cpqTapeLibraryName

- cpqTapeLibraryFwRev
- cpqTapeLibrarySerialNumber
- cpqTapeLibraryState

Supporting SNMP Trap Description: "Status is now [cpqTapeLibraryState]."

**NT Event ID: 1192 (Hex)0x843504a8 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SCSI Tape Drive Status Change.

Log Message: The tape drive with SCSI target %6 connected to SCSI bus %5 of the controller in slot %4 has a new status of %2.

SNMP Trap: cpqTape5PhyDrvStatusChange - 5019 in CPQSCSI.MIB

Symptom: Tape Drive Status Change. The Storage Agent has detected a change in the status of a tape drive. The current physical drive status is indicated in the cpqTapePhyDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqTapePhyDrvCntlrlIndex
- cpqTapePhyDrvBusIndex
- cpqTapePhyDrvScsildIndex
- cpqTapePhyDrvLunIndex
- cpqTapePhyDrvName
- cpqTapePhyDrvFwRev
- cpqTapePhyDrvSerialNumber
- cpqTapePhyDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqTapePhyDrvStatus]."

**NT Event ID: 1193 (Hex)0x843504a9 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Tape Drive Status Change.

Log Message: The tape drive at location "%4", has a new status of %7.

SNMP Trap: cpqExtTapeDriveStatusChange - 16023 in CPQFCA.MIB

Symptom: External Tape Drive Status Change. This trap indicates that the agent has detected a change in the status of an External Tape Drive. The variable cpqFcTapeDriveStatus indicates the current tape status.

User Action: If the tape is failed or is offline, check the tape and all connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeDriveCntlrlIndex
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun

- cpqFcTapeDriveModel
- cpqFcTapeDriveFWRev
- cpqFcTapeDriveSerialNumber
- cpqFcTapeDriveLocation
- cpqFcTapeDriveStatus

Supporting SNMP Trap Description: "Status is now [cpqFcTapeDriveStatus] for a tape drive."

**NT Event ID: 1194 (Hex)0x843504aa (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Tape Drive Cleaning Required.

Log Message: The tape drive at location "%4" requires cleaning.

SNMP Trap: cpqExtTapeDriveCleaningRequired - 16024 in CPQFCA.MIB

Symptom: External Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This causes the tape drive heads to be cleaned.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeDriveCntlrlIndex
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun
- cpqFcTapeDriveModel
- cpqFcTapeDriveFWRev
- cpqFcTapeDriveSerialNumber
- cpqFcTapeDriveLocation

Supporting SNMP Trap Description: "Cleaning is needed for tape drive."

**NT Event ID: 1195 (Hex)0x843504ab (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Tape Drive Replace Cleaning Tape.

Log Message: The cleaning tape in the tape drive at location "%4" needs to be replaced.

SNMP Trap: cpqExtTapeDriveCleanTapeReplace - 16025 in CPQFCA.MIB

Symptom: External Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeDriveCntlrlIndex
- cpqFcTapeDriveScsiBus
- cpqFcTapeDriveScsiTarget
- cpqFcTapeDriveScsiLun

- cpqFcTapeDriveModel
- cpqFcTapeDriveFWRev
- cpqFcTapeDriveSerialNumber
- cpqFcTapeDriveLocation

Supporting SNMP Trap Description: "Cleaning tape needs replacing."

**NT Event ID: 1196 (Hex)0x843504ac (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Recovery Server Option Status Change.

Log Message: Storage system "%4" has a new RSO status of %5.

SNMP Trap: cpqSsExRecoveryServerStatusChange - 8025 in CPQSTSYS.MIB

Symptom: Storage System Recovery Server Option Status Change. The agent has detected a change in the recovery server option status of a storage system. The variable cpqSsChassisRsoStatus indicates the current status.

User Action: If the RSO status is noSecondary(6) or linkDown(7), Be sure that the secondary server is operational and that all cables are connected properly. If the RSO status is secondaryRunningAuto(8) or secondaryRunningUser(9), examine the primary server for failed components.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsChassisName
- cpqSsChassisTime
- cpqSsChassisRsoStatus
- cpqSsChassisIndex

Supporting SNMP Trap Description: "Storage system recovery server option status changed to [cpqSsChassisRsoStatus]."

**NT Event ID: 1197 (Hex)0x843504ad (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Tape Library Status Change.

Log Message: The tape library at location "%4", has a new status of %7.

SNMP Trap: cpqExtTapeLibraryStatusChange - 16026 in CPQFCA.MIB

Symptom: External Tape Library Status Change. This trap indicates that the agent has detected a change in the status of an External Tape library. The variable cpqFcTapeLibraryStatus indicates the current tape library status.

User Action: If the tape library is failed or is offline, check the tape library front panel and all connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeLibraryCntlrlIndex
- cpqFcTapeLibraryScsiBus

- cpqFcTapeLibraryScsiTarget
- cpqFcTapeLibraryScsiLun
- cpqFcTapeLibraryModel
- cpqFcTapeLibraryFWRev
- cpqFcTapeLibrarySerialNumber
- cpqFcTapeLibraryLocation
- cpqFcTapeLibraryStatus

Supporting SNMP Trap Description: "Status is now [cpqFcTapeLibraryStatus] for the tape library."

**NT Event ID: 1198 (Hex)0x843504ae (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: External Tape Library Door Status Change.

Log Message: The tape library at location "%4", has a new door status of %7.

SNMP Trap: cpqExtTapeLibraryDoorStatusChange - 16027 in CPQFCA.MIB

Symptom: External Tape Library Door Status Change. This trap indicates that the agent has detected a change in the door status of an External Tape library. The variable cpqFcTapeLibraryDoorStatus indicates the current tape library door status.

User Action: If the tape library door is open, close the tape library door.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcTapeLibraryCntlrlIndex
- cpqFcTapeLibraryScsiBus
- cpqFcTapeLibraryScsiTarget
- cpqFcTapeLibraryScsiLun
- cpqFcTapeLibraryModel
- cpqFcTapeLibraryFWRev
- cpqFcTapeLibrarySerialNumber
- cpqFcTapeLibraryLocation
- cpqFcTapeLibraryDoorStatus

Supporting SNMP Trap Description: "The door is [cpqFcTapeLibraryDoorStatus] for tape library."

**NT Event ID: 1199 (Hex)0x843504af (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Controller Status Change.

Log Message: The Drive Array Controller in %7 has a new status of %5.

SNMP Trap: cpqDa6CntlrlStatusChange - 3033 in CPQIDA.MIB

Symptom: Controller Status Change. This trap indicates that the agent has detected a change in the status of a drive array controller. The variable cpqDaCntlrlBoardStatus indicates the current controller status.

User Action: If the board status is generalFailure(3), you may need to replace the controller. If the board status is cableProblem(4), check the cable connections between the controller and the storage system.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaCntlrIndex
- cpqDaCntlrBoardStatus
- cpqDaCntlrModel
- cpqDaCntlrSerialNumber
- cpqDaCntlrFWRev
- cpqDaAccelTotalMemory

Supporting SNMP Trap Description: "Status is now [cpqDaCntlrBoardStatus]."

## Event Identifiers 1200-1294

**NT Event ID: 1200 (Hex)0x843504b0 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Logical Drive Status Change.

Log Message: Logical drive number %5 on the array controller in %4 has a new status of %2.

SNMP Trap: cpqDa6LogDrvStatusChange - 3034 in CPQIDA.MIB

Symptom: Logical Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array logical drive. The variable cpqDaLogDrvStatus indicates the current logical drive status.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaLogDrvCntlrIndex
- cpqDaLogDrvIndex
- cpqDaLogDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqDaLogDrvStatus]."

**NT Event ID: 1201 (Hex)0x843504b1 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Spare Drive Status Change.

Log Message: The spare drive in %4, port %5, bay %6 has a new status of %2.

SNMP Trap: cpqDa6SpareStatusChange - 3035 in CPQIDA.MIB

Symptom: Spare Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array spare drive. The variable cpqDaSpareStatus indicates the current spare drive status.



User Action: If the spare drive status is failed, replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaSpareCntlrIndex
- cpqDaSparePhyDrvIndex
- cpqDaSpareStatus
- cpqDaSpareBusNumber
- cpqDaSpareBay

Supporting SNMP Trap Description: "Spare Status is now [cpqDaSpareStatus]."

**NT Event ID: 1202 (Hex)0x843504b2 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Physical Drive Status Change.

Log Message: The physical drive in %4, port %5, bay %6 with serial number "%7", has a new status of %2.

SNMP Trap: cpqDa6PhyDrvStatusChange - 3036 in CPQIDA.MIB

Symptom: Physical Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array physical drive. The variable cpaDaPhyDrvStatus indicates the current physical drive status.

User Action: If the physical drive status is failed(3) or predictive Failure(4), replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaPhyDrvCntlrIndex
- cpqDaPhyDrvIndex
- cpqDaPhyDrvBusNumber
- cpqDaPhyDrvBay
- cpqDaPhyDrvModel
- cpqDaPhyDrvFWRev
- cpqDaPhyDrvSerialNum
- cpqDaPhyDrvFailureCode
- cpqDaPhyDrvStatus

Supporting SNMP Trap Description: "Physical Drive Status is now [cpqDaPhyDrvStatus]."

**NT Event ID: 1203 (Hex)0x843504b3 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Physical Drive Threshold Exceeded.

Log Message: The physical drive in %4, port %5, bay %6 with serial number "%7", has exceeded a drive threshold.

SNMP Trap: cpqDa6PhyDrvThreshPassedTrap - 3037 in CPQIDA.MIB

Symptom: Physical Drive Threshold Passed. This trap indicates that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.

User Action: Replace the physical drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaPhyDrvCntlrIndex
- cpqDaPhyDrvIndex
- cpqDaPhyDrvBusNumber
- cpqDaPhyDrvBay
- cpqDaPhyDrvModel
- cpqDaPhyDrvFWRev
- cpqDaPhyDrvSerialNum

Supporting SNMP Trap Description: "Factory threshold passed for a physical drive."

**NT Event ID: 1204 (Hex)0x843504b4 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Accelerator Status Change.

Log Message: The array accelerator board attached to the array controller in %4 has a new status of %2.

SNMP Trap: cpqDa6AccelStatusChange - 3038 in CPQIDA.MIB

Symptom: Accelerator Board Status Change. This trap indicates that the agent has detected a change in the status of an array accelerator cache board. The current status is represented by the variable cpqDaAccelStatus.

User Action: If the accelerator board status is permDisabled(5), you may need to replace the accelerator board.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaCntlrModel
- cpqDaAccelCntlrIndex
- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory
- cpqDaAccelStatus
- cpqDaAccelErrCode

Supporting SNMP Trap Description: "Status is now [cpqDaAccelStatus]."

**NT Event ID: 1205 (Hex)0x843504b5 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Accelerator Bad Data.

Log Message: The array accelerator board attached to the array controller in %4 is reporting that it contains bad cached data.

SNMP Trap: cpqDa6AccelBadDataTrap - 3039 in CPQIDA.MIB

Symptom: Accelerator Board Bad Data. This trap indicates that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.

User Action: Verify that no data has been lost.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaCntlrModel
- cpqDaAccelCntlrIndex
- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory

Supporting SNMP Trap Description: "Accelerator lost battery power. Data Loss possible."

**NT Event ID: 1206 (Hex)0x843504b6 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Accelerator Battery Failed.

Log Message: The array accelerator board attached to the array controller in %4 is reporting a battery failure.

SNMP Trap: cpqDa6AccelBatteryFailed - 3040 in CPQIDA.MIB

Symptom: Accelerator Board Battery Failed. This trap indicates that the agent has detected a battery failure associated with the array accelerator cache board.

User Action: Replace the Accelerator Cache Board.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaCntlrModel
- cpqDaAccelCntlrIndex
- cpqDaAccelSerialNumber
- cpqDaAccelTotalMemory

Supporting SNMP Trap Description: "Battery status is failed."

**NT Event ID: 1207 (Hex)0x843504b7 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Library Status Change.

Log Message: The tape library in %4, SCSI bus %5, SCSI target %6 has a new status of %7.

SNMP Trap: cpqDa6TapeLibraryStatusChange - 3041 in CPQIDA.MIB

Symptom: Tape Library Status Change. This trap indicates that the agent has detected a change in the status of a tape library. The variable cpqDaTapeLibraryStatus indicates the current tape library status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library is failed, check the tape library front panel.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaTapeLibraryCntlrIndex
- cpqDaTapeLibraryScsiBus
- cpqDaTapeLibraryScsiTarget
- cpqDaTapeLibraryScsiLun
- cpqDaTapeLibraryModel
- cpqDaTapeLibraryFWRev
- cpqDaTapeLibrarySerialNumber
- cpqDaTapeLibraryStatus

Supporting SNMP Trap Description: "Status is now [cpqDaTapeLibraryStatus] for the tape library."

**NT Event ID: 1208 (Hex)0x843504b8 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Library Door Status Change.

Log Message: The tape library in %4, SCSI bus %5, SCSI target %6 has a new door status of %7.

SNMP Trap: cpqDa6TapeLibraryDoorStatusChange - 3042 in CPQIDA.MIB

Symptom: Tape Library Door Status Change. This trap indicates that the agent has detected a change in the door status of a tape library. The variable cpqDaTapeLibraryDoorStatus indicates the current tape library door status. The variable cpqDaTapeLibraryScsiTarget indicates the SCSI ID of the tape library.

User Action: If the tape library door is open, close the tape library door.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaTapeLibraryCntlrIndex
- cpqDaTapeLibraryScsiBus
- cpqDaTapeLibraryScsiTarget
- cpqDaTapeLibraryScsiLun

- cpqDaTapeLibraryModel
- cpqDaTapeLibraryFWRev
- cpqDaTapeLibrarySerialNumber
- cpqDaTapeLibraryDoorStatus

Supporting SNMP Trap Description: "The door is [cpqDaTapeLibraryDoorStatus] for tape library."

**NT Event ID: 1209 (Hex)0x843504b9 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Status Change.

Log Message: The tape drive in %4, SCSI bus %5, SCSI target %6 has a new status of %7.

SNMP Trap: cpqDa6TapeDriveStatusChange - 3043 in CPQIDA.MIB

Symptom: Tape Drive Status Change. This trap indicates that the agent has detected a change in the status of a tape drive. The variable cpqDaTapeDrvStatus indicates the current tape status. The variable cpqDaTapeDrvScsildIndex indicates the SCSI ID of the tape drive.

User Action: If the tape is failed, check the tape and all SCSI connections.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlRHWLocation
- cpqDaTapeDrvCntlRIndex
- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex
- cpqDaTapeDrvName
- cpqDaTapeDrvFWRev
- cpqDaTapeDrvSerialNumber
- cpqDaTapeDrvStatus

Supporting SNMP Trap Description: "Status is now [cpqDaTapeDrvStatus] for a tape drive."

**NT Event ID: 1210 (Hex)0x843504ba (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Cleaning Required.

Log Message: The tape drive in %4, SCSI bus %5, SCSI target %6 requires cleaning.

SNMP Trap: cpqDa6TapeDriveCleaningRequired - 3044 in CPQIDA.MIB

Symptom: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This causes the tape drive heads to be cleaned.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlRHWLocation
- cpqDaTapeDrvCntlRIndex

- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex
- cpqDaTapeDrvName
- cpqDaTapeDrvFwRev
- cpqDaTapeDrvSerialNumber

Supporting SNMP Trap Description: "Cleaning is needed for the tape drive."

**NT Event ID: 1211 (Hex)0x843504bb (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Tape Drive Replace Cleaning Tape.

Log Message: The cleaning tape in the tape drive in %4, SCSI bus %5, SCSI target %6 needs to be replaced.

SNMP Trap: cpqDa6TapeDriveCleanTapeReplace - 3045 in CPQIDA.MIB

Symptom: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaTapeDrvCntlrIndex
- cpqDaTapeDrvBusIndex
- cpqDaTapeDrvScsildIndex
- cpqDaTapeDrvLunIndex
- cpqDaTapeDrvName
- cpqDaTapeDrvFwRev
- cpqDaTapeDrvSerialNumber

Supporting SNMP Trap Description: "Cleaning tape needs replacing."

**NT Event ID: 1212 (Hex)0x843504bc (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fan Status Change.

Log Message: The %6 %7 storage system connected to SCSI bus %5 of the controller in %4 has a new status of %2.

SNMP Trap: cpqSs5FanStatusChange - 8026 in CPQSTSYS.MIB

Symptom: Storage System fan status change. The agent has detected a change in the Fan Status of a storage system. The variable cpqSsBoxFanStatus indicates the current fan status.

User Action: If the fan status is degraded or failed, replace any failed fans.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor
- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxFanStatus

Supporting SNMP Trap Description: "Storage System fan status changed to [cpqSsBoxFanStatus]."

**NT Event ID: 1213 (Hex)0x843504bd (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Temperature Status Change.

Log Message: The %6 %7 storage system connected to SCSI bus %5 of the controller in %4 has a new temperature status of %2.

SNMP Trap: cpqSs5TempStatusChange - 8027 in CPQSTSYS.MIB

Symptom: Storage System Temperature Status Change. The agent has detected a change in the temperature status of a storage system. The variable cpqSsBoxTempStatus indicates the current temperature status.

User Action: If the temperature status is degraded or failed, shut down the storage system as soon as possible. Be sure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor
- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxTempStatus

Supporting SNMP Trap Description: "Storage System temperature status changed to [cpqSsBoxTempStatus]."

**NT Event ID: 1214 (Hex)0x843504be (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fault Tolerant Power Supply Status Change.

Log Message: The fault tolerant power supply in the %6 %7 storage system connected to SCSI bus %5 of the controller in %4 has a new status of %2.

SNMP Trap: cpqSs5PwrSupplyStatusChange - 8028 in CPQSTSYS.MIB

Symptom: Storage System Fault Tolerant Power Supply Status Change. The agent has detected a change in the power supply status of a storage system. The variable cpqSsBoxFltTolPwrSupplyStatus indicates the current power supply status.

User Action: If the power supply status is degraded, restore power or replace the failed power supply.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor
- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxFltTolPwrSupplyStatus

Supporting SNMP Trap Description: "Storage system power supply status changed to [cpqSsBoxFltTolPwrSupplyStatus]."

**NT Event ID: 1215 (Hex)0x843504bf (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Fibre Channel Controller Status Change.

Log Message: The Fibre Channel Controller in %4 has a new status of %5.

SNMP Trap: cpqFca3HostCntlrStatusChange - 16028 in CPQFCA.MIB

Symptom: Fibre Channel Host Controller Status Change. This trap indicates that the agent has detected a change in the status of a Fibre Channel Host Controller. The variable cpqFcaHostCntlrStatus indicates the current controller status.

User Action: If the controller status is failed, replace the controller.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqFcaHostCntlrHwLocation
- cpqFcaHostCntlrIndex
- cpqFcaHostCntlrStatus
- cpqFcaHostCntlrModel
- cpqFcaHostCntlrSerialNumber
- cpqFcaHostCntlrWorldWideName
- cpqFcaHostCntlrWorldWidePortName

Supporting SNMP Trap Description: "Host controller has a new status of [cpqFcaHostCntlrStatus]."

**NT Event ID: 1216 (Hex)0x843504c0 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Physical Drive Status Change.

Log Message: The physical drive in %4, %5 with serial number "%7", has a new status of %2.

SNMP Trap: cpqDa7PhyDrvStatusChange - 3046 in CPQIDA.MIB



Symptom: Physical Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array physical drive. The variable cpqDaPhyDrvStatus indicates the current physical drive status.

User Action: If the physical drive status is failed (3) or predictiveFailure (4), replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaPhyDrvCntlrIndex
- cpqDaPhyDrvIndex
- cpqDaPhyDrvLocationString
- cpqDaPhyDrvType
- cpqDaPhyDrvModel
- cpqDaPhyDrvFWRev
- cpqDaPhyDrvSerialNum
- cpqDaPhyDrvFailureCode
- cpqDaPhyDrvStatus
- cpqDaPhyDrvBusNumber

Supporting SNMP Trap Description: "Physical Drive Status is now [cpqDaPhyDrvStatus]."

**NT Event ID: 1217 (Hex)0x843504c1 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Drive Array Spare Drive Status Change.

Log Message: The spare drive in %4, %5 has a new status of %2.

SNMP Trap: cpqDa7SpareStatusChange - 3047 in CPQIDA.MIB

Symptom: Spare Drive Status Change. This trap indicates that the agent has detected a change in the status of a drive array spare drive. The variable cpqDaSpareStatus indicates the current spare drive status.

User Action: If the spare drive status is failed, replace the drive.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqDaCntlrHwLocation
- cpqDaSpareCntlrIndex
- cpqDaSparePhyDrvIndex
- cpqDaSpareStatus
- cpqDaSpareLocationString
- cpqDaSpareDrvBusNumber

Supporting SNMP Trap Description: "Spare Status is now [cpqDaSpareStatus]."

**NT Event ID: 1218 (Hex)0x843504c2 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fan Status Change.

Log Message: The %6 %7 storage system connected to %5 of the controller in%4 has a new status of %2.

SNMP Trap: cpqSs6FanStatusChange - 8029 in CPQSTSYS.MIB

Symptom: Storage System Fan Status Change. The agent has detected a change in the fan status of a storage system. The variable cpqSsBoxFanStatus indicates the current fan status.

User Action: If the fan status is degraded or failed, replace any failed fans.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor
- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxFanStatus
- cpqSsBoxLocationString

Supporting SNMP Trap Description: "Storage System fan status changed to [cpqSsBoxFanStatus]."

**NT Event ID: 1219 (Hex)0x843504c3 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Temperature Status Change.

Log Message: The %6 %7 storage system connected to %5 of the controller in%4 has a new temperature status of %2.

SNMP Trap: cpqSs6TempStatusChange - 8030 in CPQSTSYS.MIB

Symptom: Storage System Temperature Status Change. The agent has detected a change in the temperature status of a storage system. The variable cpqSsBoxTempStatus indicates the current temperature status.

User Action: If the temperature status is degraded or failed, shut down the storage system as soon as possible. Be sure that the storage system environment is being cooled properly and that no components are overheated.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor

- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxTempStatus
- cpqSsBoxLocationString

Supporting SNMP Trap Description: "Storage System temperature status changed to [cpqSsBoxTempStatus]."

**NT Event ID: 1220 (Hex)0x843504c4 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: Storage System Fault Tolerant Power Supply Status Change.

Log Message: The fault tolerant power supply in the %6 %7 storage system connected to %5 of the controller in%4 has a new status of %2.

SNMP Trap: cpqSs6PwrSupplyStatusChange - 8031 in CPQSTSYS.MIB

Symptom: Storage System Fault Tolerant Power Supply Status Change. The agent has detected a change in the power supply status of a storage system. The variable cpqSsBoxFltTolPwrSupplyStatus indicates the current power supply status.

User Action: If the power supply status is degraded, restore power or replace the failed power supply.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSsBoxCntlrHwLocation
- cpqSsBoxCntlrIndex
- cpqSsBoxBusIndex
- cpqSsBoxVendor
- cpqSsBoxModel
- cpqSsBoxSerialNumber
- cpqSsBoxFltTolPwrSupplyStatus
- cpqSsBoxLocationString

Supporting SNMP Trap Description: "Storage System power supply status changed to [cpqSsBoxFltTolPwrSupplyStatus]."

**NT Event ID: 1221 (Hex)0x843504c5 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SAS/SATA Physical Drive Status Change.

Log Message: The physical drive in %4, %5 with serial number "%6", has a new status of %7.

SNMP Trap: cpqSasPhyDrvStatusChange - 5022 in CPQSCSI.MIB

Symptom: Physical Drive Status Change. The Storage Agent has detected a change in the status of a SAS or SATA physical drive. The current physical drive status is indicated in the cpqSasPhyDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqSasHbaHwLocation
- cpqSasPhyDrvLocationString
- cpqSasPhyDrvHbaIndex
- cpqSasPhyDrvIndex
- cpqSasPhyDrvStatus
- cpqSasPhyDrvType
- cpqSasPhyDrvModel
- cpqSasPhyDrvFWRev
- cpqSasPhyDrvSerialNumber
- cpqSasPhyDrvSasAddress

Supporting SNMP Trap Description: "Status is now [cpqSasPhyDrvStatus]."

**NT Event ID: 1222 (Hex)0x843504c6 (cpqstmsg.dll)**

Log Severity: Warning (2)

Event Title: SAS/SATA Logical Drive Status Change.

Log Message: Logical drive number %5 on the HBA in %4 has a new status of %6.

SNMP Trap: cpqSasLogDrvStatusChange - 5023 in CPQSCSI.MIB

Symptom: Logical Drive Status Change. The Storage Agent has detected a change in the status of a SAS or SATA logical drive. The current logical drive status is indicated in the cpqSasLogDrvStatus variable.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSasHbaHwLocation
- cpqSasLogDrvHbaIndex
- cpqSasLogDrvIndex
- cpqSasLogDrvStatus
- cpqSasLogDrvOsName

Supporting SNMP Trap Description: "Status is now [cpqSasLogDrvStatus]."

**Event identifier: cpqstmsg.dll - 1280 (Hex)0x84350500 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqstmsg.dll - 1281 (Hex)0x84350501 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry subkey. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 1282 (Hex)0x84350502 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 1283 (Hex)0x84350503 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 1284 (Hex)0x84350504 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 1285 (Hex)0x84350505 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 1294 (Hex)0x8435050e (Service Event)**

Log Severity: Warning (2)

Log Message: Unsupported storage system. The ProLiant storage system %1 is unsupported by this version of the Storage Agents. Upgrade the agents to the latest version.

## Event Identifiers 1343-4613

**Event identifier: cpqstmsg.dll - 1343 (Hex)0x8435053f (Service Event)**

Log Severity: Warning (2)

Log Message: Duplicate SCSI port found in slot %1. The current system ROM may not support this SCSI controller. You may need to update your system ROM.

**Event identifier: cpqstmsg.dll - 1344 (Hex)0x84350540 (Service Event)**

Log Severity: Warning (2)

Log Message: A version mismatch has been detected with the SCSI device monitor driver (CPQSDM.SYS). The current driver version is %1. Cause: You may not have rebooted after a Storage Agents upgrade. Always reboot the system after installing agents.

**Event identifier: cpqstmsg.dll - 1346 (Hex) 0x84350540 (Service Event)**

Log Severity: Warning (2)

Log Message: The SCSI controller on port %1 has been omitted. The SCSI Agent could not get the slot data for the controller.

**Event identifier: cpqstmsg.dll - 1792 (Hex)0x84350700 (Service Event)**

Log Severity: Warning (2)

Log Message: The SNMP Agent is unable to generate traps due to an error during initialization. Cause: Check to Be sure that the SNMP service is running. Reinstalling the agents may fix this error.

**Event identifier: cpqstmsg.dll - 1795 (Hex)0x84350703 (Service Event)**

Log Severity: Warning (2)

Log Message: The SNMP Agent is older than other components. The SNMP Agent is older than the other components of the Storage Agents. Reinstall the entire Storage Agents package to correct this error.

**Event identifier: cpqstmsg.dll - 1796 (Hex)0x84350704 (Service Event)**

Log Severity: Warning (2)

Log Message: The %1 Agent is older than other components. The %1 Agent is older than the other components of the Storage Agents. Reinstall the entire Storage Agents package to correct this error.

**Event identifier: cpqstmsg.dll - 1800 (Hex)0x84350708 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read security configuration information. SNMP sets have been disabled. Cause: This can be caused by an invalid or missing configuration or by a corrupt registry. Reinstalling the Storage Agents may correct this problem.

**Event identifier: cpqstmsg.dll - 1803 (Hex)0xc435070b (Service Event)**

Log Severity: Error (3)

Log Message: Unable to load a required library. This error can be caused by a corrupt or missing file. Reinstalling the Storage Agents or running the Emergency Repair procedure may correct this error.

**Event identifier: cpqstmsg.dll - 1804 (Hex)0x8435070c (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage SNMP Agent was unable to forward an SNMP trap to the Remote Insight Board trap due to processing error. The data contains the error code.

**Event identifier: cpqstmsg.dll - 1806 (Hex)0x8435070e (Service Event)**

Log Severity: Warning (2)

Log Message: The Storage Agent service is not running. The SNMP Agent has determined that the Storage Agent service is not running. Stop the SNMP service and restart the Storage Agents service. If the error persists, reinstalling the Storage Agents may correct this error.

**Event identifier: cpqstmsg.dll - 1807 (Hex)0x4435070f (Service Event)**

Log Severity: Information (1)

Log Message: The Storage SNMP Agent has determined the Storage Agents service is running.

**Event identifier: cpqstmsg.dll - 1808 (Hex)0x44350710 (Service Event)**

Log Severity: Information (1)

Log Message: The agent could not deliver trap %1. The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the HP Insight Management Agents control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the Storage Agents or the Remote Access Service may correct this error. For more information, see the Insight Asynchronous Management documentation.

**Event identifier: cpqstmsg.dll - 3584 (Hex)0x84350e00 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not allocate memory. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3585 (Hex)0x84350e01 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not open the base of the registry. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3586 (Hex)0x84350e02 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 3587 (Hex)0x84350e03 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 3588 (Hex)0x84350e04 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqstmsg.dll - 3589 (Hex)0x84350e05 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent found an incorrect type for registry value "%1". The data contains the type found.

**Event identifier: cpqstmsg.dll - 3590 (Hex)0x84350e06 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not create an event. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3591 (Hex)0x84350e07 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not open an event. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3592 (Hex)0x84350e08 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not set an event. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3593 (Hex)0x84350e09 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not create a mutex. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3594 (Hex)0x84350e0a (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not open a mutex. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3595 (Hex)0x84350e0b (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent could not create its main thread of execution. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3596 (Hex)0x84350e0c (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent main thread did not terminate properly. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3597 (Hex)0x84350e0d (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent got an unexpected error code while waiting for an event. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3598 (Hex)0x84350e0e (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent got an unexpected error code while waiting for multiple events. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3599 (Hex)0x84350e0f (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent did not respond to a request. The data contains the error code.

**Event identifier: cpqstmsg.dll - 3600 (Hex)0x84350e10 (Service Event)**

Log Severity: Warning (2)

Log Message: The IDE Agent received an unknown action code from the service. The data contains the action code.

**Event identifier: cpqstmsg.dll - 4097 (Hex)0x84351001 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry subkey. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4098 (Hex)0x84351002 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4099 (Hex)0x84351003 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4100 (Hex)0x84351004 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4101 (Hex)0x84351005 (Service Event)**



Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4609 (Hex)0x84351201 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4610 (Hex)0x84351202 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4611 (Hex)0x84351203 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4612 (Hex)0x84351204 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqstmsg.dll - 4613 (Hex)0x84351205 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry subkey: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

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# Server agents

## Event Identifiers 256-774

**Event identifier: cpqsvmsg.dll - 256 (Hex)0x84350100 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service detected an error. The insertion string is: %1. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 257 (Hex)0x84350101 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not allocate memory. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 258 (Hex)0x84350102 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not register with the Service Control Manager. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 259 (Hex)0x84350103 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not set the service status with the Service Control Manager. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 260 (Hex)0x84350104 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not create an event object. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 261 (Hex)0x84350105 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not open registry key "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 262 (Hex)0x84350106 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not start any agents successfully.

**Event identifier: cpqsvmsg.dll - 263 (Hex)0x84350107 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 264 (Hex)0x84350108 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not load the module "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 265 (Hex)0x84350109 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not get the control function for module "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 266 (Hex)0x8435010a (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not initialize agent "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 267 (Hex)0x8435010b (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not start agent "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 268 (Hex)0x8435010c (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service detected an invalid state for agent "%1". The data contains the state.

**Event identifier: cpqsvmsg.dll - 269 (Hex)0x8435010d (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not stop agent "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 270 (Hex)0x8435010e (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not terminate agent "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 271 (Hex)0x8435010f (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not unload the module "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 272 (Hex)0x84350110 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not create the registry key "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 273 (Hex)0x84350111 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agents service could not write the registry value "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 399 (Hex)0xc435018f (Service Event)**

Log Severity: Error (3)

Log Message: The Server Agents service encountered a fatal error. The service is terminating. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 400 (Hex)0x44350190 (Service Event)**

Log Severity: Information (1)

Log Message: The Server Agents service version %1 has started.

**Event identifier: cpqsvmsg.dll - 401 (Hex)0x44350191 (Service Event)**

Log Severity: Information (1)

Log Message: %1

**Event identifier: cpqsvmsg.dll - 768 (Hex)0x84350300 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent detected an invalid data type within an alert definition.

**Event identifier: cpqsvmsg.dll - 769 (Hex)0x84350301 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent detected an error while attempting to log an alert remotely. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 770 (Hex)0x84350302 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent detected an error while attempting to retrieve data from key = %1 in the registry. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 771 (Hex)0x84350303 (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Alerter Agent was unable to log an event in the event log of the system named %1. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 772 (Hex)0xc4350304 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent detected a null handle on initialization. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 773 (Hex)0xc4350305 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent received an error on WaitForMultipleObjects call. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 774 (Hex)0xc4350306 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Alerter Agent received an error on ResetEvent call. The data contains the error code.

## Event Identifiers 1024-1092

### **NT Event ID: 1024 (Hex)0xc4350400 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A cache accelerator parity error indicates a cache module needs to be replaced.

SNMP Trap: cpqHe3CacheAccelParityError - 6046 in CPQHLTH.MIB

Symptom: A cache accelerator parity error indicates that a cache module needs to be replaced. The error information is reported in the variable cpqHeEventLogErrorDesc.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Cache Accelerator errors may require a replacement module."

### **NT Event ID: 1025 (Hex)0x84350401 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Advanced Memory Protection subsystem has detected a memory fault. The Online Spare Memory has been activated. Schedule server down time to replace the memory.

SNMP Trap: cpqHeResilientMemOnlineSpareEngaged - 6047 in CPQHLTH.MIB

Symptom: Advanced Memory Protection Online Spare Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The Online Spare Memory has been activated.

User Action: Schedule server down time to replace the faulty memory.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Advanced Memory Protection subsystem has engaged the online spare memory."

### **NT Event ID: 1026 (Hex)0x84350402 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Advanced Memory Protection sub-system has detected a memory fault. The Mirrored Memory has been activated. Schedule server down time to replace the memory.

SNMP Trap: cpqHeResilientMemMirroredMemoryEngaged - 6051 in CPQHLTH.MIB

Symptom: Advanced Memory Protection Mirrored Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Mirrored Memory has been activated.

User Action: Replace the faulty memory.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Advanced Memory Protection subsystem has engaged the online spare memory."

**NT Event ID: 1027 (Hex)0x84350403 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Advanced Memory Protection sub-system has detected a memory fault. Advanced ECC has been activated. Schedule server down time to replace the memory.

SNMP Trap: cpqHeResilientAdvancedECCMemoryEngaged - 6052 in CPQHLTH.MIB

Symptom: Advanced Memory Protection Advanced ECC Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Advanced ECC has been activated.

User Action: Replace the faulty memory.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Advanced Memory Protection subsystem has engaged the advanced ECC memory."

**NT Event ID: 1028 (Hex)0x84350404 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Advanced Memory Protection sub-system has detected a memory fault. The XOR recovery engine has been activated. Schedule server down time to replace the memory.

SNMP Trap: cpqHeResilientMemXorMemoryEngaged - 6053 in CPQHLTH.MIB

Symptom: Advanced Memory Protection XOR Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The XOR engine has been activated.

User Action: Replace the faulty memory.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Advanced Memory Protection subsystem has engaged the XOR memory."

**NT Event ID: 1029 (Hex)0x44350405 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The Fault Tolerant Power Supply Sub-system has returned to a redundant state.

SNMP Trap: cpqHe3FltTolPowerRedundancyRestored - 6054 in CPQHLTH.MIB

Symptom: The Fault Tolerant Power Supplies have returned to a redundant state for the specified chassis.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis

Supporting SNMP Trap Description: "The Power Supplies are now redundant on Chassis [cpqHeFltTolPowerSupplyChassis]."

**NT Event ID: 1030 (Hex) 0x44350406 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The Fan Sub-system has returned to a redundant state.

SNMP Trap: cpqHe3FltTolFanRedundancyRestored - 6055 in CPQHLTH.MIB

Symptom: The Fault Tolerant Fans have returned to a redundant state for the specified chassis.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis

Supporting SNMP Trap Description: "The Fans are now redundant on Chassis [cpqHeFltTolFanChassis]."

**NT Event ID: 1035 (Hex) 0x8435040BL (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Correctable or Uncorrectable memory error detected. The memory module should be replaced.

SNMP Trap: cpqHe5CorrMemReplaceMemModule - 6064 in CPQHLTH.MIB

Symptom: Corrected Memory Errors Detected. The errors have been corrected, but the memory module should be replaced. Value 0 for CPU means memory is not processor-based.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeResMem2BoardNum
- cpqHeResMem2CpuNum
- cpqHeResMem2RiserNum
- cpqHeResMem2ModuleNum
- cpqHeResMem2ModulePartNo
- cpqHeResMem2ModuleSize
- cpqSiServerSystemId

Supporting SNMP Trap Description: "Correctable memory errors require a replacement of the memory module in slot [cpqHeResMem2BoardNum], socket [cpqHeResMem2ModuleNum], Cpu [cpqHeResMem2CpuNum] Riser [cpqHeResMem2RiserNum]."

**NT Event ID: 1036 (Hex) 0x4435040CL (cpqsvmsg.dll)**

Log Severity: Informational (1)

Log Message: A memory board or cartridge has been removed from the system. Please reinsert the memory board or cartridge.

SNMP Trap: cpqHe5ResMemBoardRemoved - 6065 in CPQHLTH.MIB

Symptom: Memory board or cartridge or riser removed. An Advanced Memory Protection sub-system board or cartridge or riser has been removed from the system. Value 0 for CPU means memory is not processor-based.

User Action: Be sure that the board, cartridge, or riser memory is installed correctly, and then re-install the memory board, cartridge, or processor.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeResMem2BoardSlotNum
- cpqHeResMem2BoardCpuNum
- cpqHeResMem2BoardRiserNum

Supporting SNMP Trap Description: "Memory Board or Cartridge Removed from Slot [cpqHeResMem2BoardSlotNum], Cpu [cpqHeResMem2BoardCpuNum], Riser [cpqHeResMem2BoardRiserNum]."

**NT Event ID: 1037 (Hex) 0x4435040DL (cpqsvmsg.dll)**

Log Severity: Informational (1)

Log Message: System Information Agent: Health: A memory board or cartridge has been inserted into the system.

SNMP Trap: cpqHe5ResMemBoardInserted - 6066 in CPQHLTH.MIB

Symptom: Memory board or cartridge or riser inserted. An Advanced Memory Protection sub-system board, cartridge, or riser has been installed. Value 0 for CPU means memory is not processor-based.

User Action: None.

SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeResMem2BoardSlotNum
- cpqHeResMem2BoardCpuNum
- cpqHeResMem2BoardRiserNum

Supporting SNMP Trap Description: "Memory Board or Cartridge Inserted into Slot [cpqHeResMem2BoardSlotNum], Cpu[cpqHeResMem2BoardCpuNum], Riser[cpqHeResMem2BoardRiserNum]."

**NT Event ID: 1038 (Hex) 0xC435040EL (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A memory board or cartridge bus error has been detected in the memory subsystem.

SNMP Trap: cpqHe5ResMemBoardBusError- 6067 in CPQHLTH.MIB

Symptom: Memory board, cartridge, or riser bus error detected. An Advanced Memory Protection sub-system board, cartridge, or riser bus error has been detected. Value 0 for CPU means memory is not processor-based.

User Action: Replace the indicated board or cartridge or Riser.

SNMP Trap Data:

- sysName,
- cpqHoTrapFlags
- cpqHeResMem2BoardSlotNum
- cpqHeResMem2BoardCpuNum



- cpqHeResMem2BoardRiserNum

Supporting SNMP Trap Description: "Memory Board or Cartridge Inserted into Slot [cpqHeResMem2BoardSlotNum], Cpu[cpqHeResMem2BoardCpuNum], Riser[cpqHeResMem2BoardRiserNum]."

**NT Event ID: 1039 (Hex) 0x8435040FL (cpqsvmsg.dll)**

Log Severity: Warning (3)

Log Message: The Advanced Memory Protection sub-system has detected a memory fault. The LockStep recovery engine has been activated. For instruction on replacing the faulty memory, see the server documentation.

SNMP Trap: cpqHeResilientMemLockStepMemoryEngaged - 6068 in CPQHLTH.MIB

Symptom: Advanced Memory Protection LockStep Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The LockStep engine has been activated.

User Action: Replace the faulty memory.

Supporting SNMP Trap Data:

- sysName,
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Advanced Memory Protection subsystem has engaged the LockStep memory."

**NT Event ID: 1072 (Hex) 0x84350430 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The frequency of memory errors is high enough such that tracking of correctable memory errors has been temporarily disabled.

SNMP Trap: cpqHe3CorrectableMemoryLogDisabled - 6016 in CPQHLTH.MIB

Symptom: Correctable memory error tracking disabled. The frequency of errors is so high that the error tracking logic has been temporarily disabled. The cpqHeCorrMemLogStatus variable indicated the current tracking status.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeCorrMemLogStatus

Supporting SNMP Trap Description: "Too many memory errors - tracking now disabled."

**NT Event ID: 1082 (Hex) 0xc435043a (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A Thermal Temperature Condition has been set to failed. The system will be shut down due to this thermal condition.

SNMP Trap: cpqHe3ThermalTempFailed - 6017 in CPQHLTH.MIB

Symptom: The temperature status has been set to failed. The system is shut down due to this thermal condition.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags

Supporting SNMP Trap Description: "System will be shut down due to this thermal condition."

**NT Event ID: 1083 (Hex)0x8435043b (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Thermal Temperature Condition has been set to degraded. The system may be shut down due to this thermal condition depending on the state of the thermal degraded action value '%4'.

SNMP Trap: cpqHe3ThermalTempDegraded - 6018 in CPQHLTH.MIB

Symptom: The temperature status has been set to degraded. The server's temperature is outside of the normal operating range. The server is shut down if the cpqHeThermalDegradedAction variable is set to shutdown (3).

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeThermalDegradedAction

Supporting SNMP Trap Description: "Temperature out of range. Shutdown may occur."

**NT Event ID: 1084 (Hex)0x4435043c (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The Thermal Temperature Condition has been set to OK. The server's temperature has returned to its normal operating range.

SNMP Trap: cpqHe3ThermalTempOk - 6019 in CPQHLTH.MIB

Symptom: The temperature status has been set to OK. The server's temperature has returned to the normal operating range.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Temperature has returned to normal range."

**NT Event ID: 1085 (Hex)0xc435043d (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A System Fan Condition has been set to failed. The system may be shut down due to this thermal condition.

SNMP Trap: cpqHe3ThermalSystemFanFailed - 6020 in CPQHLTH.MIB

Symptom: The system fan status has been set to failed. A required system fan is not operating normally. The system is shut down if the cpqHeThermalDegradedAction variable is set to shutdown (3).

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeThermalDegradedAction

Supporting SNMP Trap Description: "Required fan not operating normally. Shutdown may occur."

**NT Event ID: 1086 (Hex)0x8435043e (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: A System Fan Condition has been set to degraded. If the system fan is part of a redundancy group, the system will not be shut down. If the system fan is not part of a redundancy group, the system may be shut down depending on the state of the thermal degraded action value '%4'.

SNMP Trap: cpqHe3ThermalSystemFanDegraded - 6021 in CPQHLTH.MIB

Symptom: The system fan status has been set to degraded. An optional system fan is not operating normally.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "An optional fan is not operating normally."

**NT Event ID: 1087 (Hex)0x4435043f (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: A System Fan Condition has been set to OK. The server's system fan has resumed normal operation.

SNMP Trap: cpqHe3ThermalSystemFanOk - 6022 in CPQHLTH.MIB

Symptom: The system fan status has been set to OK. Any previously non-operational system fans have returned to normal operation.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "System fan has returned to normal operation."

**NT Event ID: 1088 (Hex)0xc4350440 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A Processor Fan Condition has been set to failed. The system will be shut down due to this condition.

SNMP Trap: cpqHe3ThermalCpuFanFailed - 6023 in CPQHLTH.MIB

Symptom: The CPU fan status has been set to failed. A processor fan is not operating normally. The server is shut down.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "CPU fan has failed. Server will be shutdown."

**NT Event ID: 1089 (Hex)0x44350441 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: A Processor Fan Condition has been set to OK. The server's processor fan has resumed normal operation.

SNMP Trap: cpqHe3ThermalCpuFanOk - 6024 in CPQHLTH.MIB

Symptom: The CPU fan status has been set to OK. Any previously non-operational processor fans have returned to normal operation.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "CPU fan is now OK."

**NT Event ID: 1090 (Hex)0x44350442 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The server is operational again. The server has previously been shut down by the Automatic Server Recovery (ASR) feature and has just become operational again.

SNMP Trap: cpqHe3AsrConfirmation - 6025 in CPQHLTH.MIB

Symptom: The server is operational again. The server has previously been shut down by the Automatic Server Recovery (ASR) feature and has just become operational again.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Server is operational again after ASR shutdown."

**NT Event ID: 1091 (Hex)0x44350443 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The server is operational again. The server has previously been shut down due to a thermal anomaly and has just become operational again.

SNMP Trap: cpqHe3ThermalConfirmation - 6026 in CPQHLTH.MIB

Symptom: The server is operational again. The server has previously been shut down due to a thermal anomaly on the server and has just become operational again.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Server is operational again after thermal shutdown."

**NT Event ID: 1092 (Hex)0x84350444 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Post Errors were detected. One or more Power-On-Self-Test errors were detected during server startup.

SNMP Trap: cpqHe3PostError - 6027 in CPQHLTH.MIB

Symptom: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Errors occurred during server restart."

## Event Identifiers 1103-1183

### **NT Event ID: 1103 (Hex)0x8435044f (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Fault Tolerant Power Sub-system has been set to Degraded. Check power connections and replace the power supply as needed.

SNMP Trap: cpqHe3FltTolPwrSupplyDegraded - 6028 in CPQHLTH.MIB

Symptom: The fault tolerant power supply sub-system condition has been set to degraded.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The server power supply status has become degraded."

### **NT Event ID: 1108 (Hex)0x84350454 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Remote Insight Board has detected unauthorized login attempts. More than '%4' login attempts detected.

SNMP Trap: cpqSm2UnauthorizedLoginAttempts - 9003 in CPQSM2.MIB

Symptom: Remote Insight/Integrated Lights-Out Unauthorized Login Attempts. The Remote Insight/Integrated Lights-Out firmware has detected unauthorized login attempts.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSm2CntlrBadLoginAttemptsThresh

Supporting SNMP Trap Description: "More than [cpqSm2CntlrBadLoginAttemptsThresh] unauthorized login attempts detected."

### **NT Event ID: 1109 (Hex)0xc4350455 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The Remote Insight Board has detected a battery failure.

SNMP Trap: cpqSm2BatteryFailed - 9004 in CPQSM2.MIB

Symptom: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Remote Insight battery failed."

### **NT Event ID: 1110 (Hex)0xc4350456 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The Remote Insight Board has detected self test error '%4'.

SNMP Trap: cpqSm2SelfTestError - 9005 in CPQSM2.MIB

Symptom: Remote Insight/Integrated Lights-Out Self Test Error. The Remote Insight/Integrated Lights-Out firmware has detected a Remote Insight self test error.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSm2CntlrSelfTestErrors

Supporting SNMP Trap Description: "Remote Insight/Integrated Lights-Out self test error [cpqSm2CntlrSelfTestErrors]."

**NT Event ID: 1111 (Hex)0xc4350457 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The Remote Insight Board has detected a controller interface error.

SNMP Trap: cpqSm2InterfaceError - 9006 in CPQSM2.MIB

Symptom: Remote Insight/Integrated Lights-Out Interface Error. The host OS has detected an error in the Remote Insight/ Integrated Lights-Out interface. The firmware is not responding.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Server [sysName], Remote Insight/Integrated Lights-Out interface error."

**NT Event ID: 1112 (Hex)0x84350458 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Remote Insight Board has detected that the battery is disconnected.

SNMP Trap: cpqSm2BatteryDisconnected - 9007 in CPQSM2.MIB

Symptom: Remote Insight Battery Disconnected. The Remote Insight battery cable has been disconnected.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Remote Insight battery disconnected."

**NT Event ID: 1113 (Hex)0x84350459 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Remote Insight Board has detected that the keyboard cable is disconnected.

SNMP Trap: cpqSm2KeyboardCableDisconnected - 9008 in CPQSM2.MIB

Symptom: Keyboard Cable Disconnected. The Remote Insight keyboard cable has been disconnected.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags

Supporting SNMP Trap Description: "Remote Insight keyboard cable disconnected."

**NT Event ID: 1114 (Hex)0x8435045a (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: A processor has crossed the threshold of allowable corrected errors. The processor should be replaced.

SNMP Trap: cpqSeCpuThresholdPassed - 1001 in CPQSTDEQ.MIB

Symptom: This trap is sent when an internal processor error threshold has been passed on a particular processor, causing it to become degraded. This trap is sent when cpqSeCpuThreshPassed transitions from false to true.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSeCpuSlot
- cpqSeCpuSocketNumber

Supporting SNMP Trap Description: "CPU internal corrected errors have passed a set threshold."

**NT Event ID: 1115 (Hex)0x8435045b (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: A computer cover has been removed since last system start up. Be sure the system cover is installed properly. This situation may result in improper cooling of the system due to air flow changes caused by the missing cover.

SNMP Trap: cpqSiHoodRemoved - 2001 in CPQSINFO.MIB

Symptom: The access panel is removed. The access panel status has been set to removed. The access panel is not installed properly. This situation may result in improper cooling of the system due to air flow changes caused by the missing access panel.

User Action: Replace the access panel and be sure that it is installed properly. Verify that the system is working properly.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Hood is removed from unit."

**NT Event ID: 1116 (Hex)0x8435045c (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Remote Insight Board has detected that the mouse cable is disconnected.

SNMP Trap: cpqSm2MouseCableDisconnected - 9009 in CPQSM2.MIB

Symptom: Mouse Cable Disconnected. The Remote Insight mouse cable has been disconnected.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Remote Insight mouse cable disconnected."

**NT Event ID: 1117 (Hex)0x8435045d (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Remote Insight Board has detected that the external power cable is disconnected.

SNMP Trap: cpqSm2ExternalPowerCableDisconnected - 9010 in CPQSM2.MIB

Symptom: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Remote Insight external power cable disconnected."

**NT Event ID: 1118 (Hex)0x4435045e (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: The Fault Tolerant Power Supply Sub-system has been returned to the OK state.

SNMP Trap: cpqHeFltTolPowerSupplyOk - 6048 in CPQHLTH.MIB

Symptom: The fault tolerant power supply condition has been set back to the OK state for the specified chassis and bay location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis
- cpqHeFltTolPowerSupplyBay
- cpqHeFltTolPowerSupplyStatus
- cpqHeFltTolPowerSupplyModel
- cpqHeFltTolPowerSupplySerialNumber
- cpqHeFltTolPowerSupplyAutoRev
- cpqHeFltTolPowerSupplyFirmwareRev
- cpqHeFltTolPowerSupplySparePartNum
- cpqSiServerSystemId

Supporting SNMP Trap Description: "The Power Supply is OK on Chassis [cpqHeFltTolPowerSupplyChassis], Bay [cpqHeFltTolPowerSupplyBay], Status [cpqHeFltTolPowerSupplyStatus], Model [cpqHeFltTolPowerSupplyModel], Serial Num [cpqHeFltTolPowerSupplySerialNumber], Firmware [cpqHeFltTolPowerSupplyFirmwareRev]."

**NT Event ID: 1123 (Hex)0x84350463 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Post Errors were detected. One or more Power-On-Self-Test errors were detected during server startup.

SNMP Trap: cpqHe3PostError - 6027 in CPQHLTH.MIB

Symptom: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.



Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "Errors occurred during server restart."

**NT Event ID: 1124 (Hex)0x84350464 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Fault Tolerant Power Supply Sub-system is in a degraded state. Restore power or replace the failed power supply.

SNMP Trap: cpqHe4FltTolPowerSupplyDegraded - 6049 in CPQHLTH.MIB

Symptom: The fault tolerant power supply condition has been set to degraded for the specified chassis and bay location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis
- cpqHeFltTolPowerSupplyBay
- cpqHeFltTolPowerSupplyStatus
- cpqHeFltTolPowerSupplyModel
- cpqHeFltTolPowerSupplySerialNumber
- cpqHeFltTolPowerSupplyAutoRev
- cpqHeFltTolPowerSupplyFirmwareRev
- cpqHeFltTolPowerSupplySparePartNum
- cpqSiServerSystemId

Supporting SNMP Trap Description: "The Power Supply is Degraded on Chassis [cpqHeFltTolPowerSupplyChassis], Bay [cpqHeFltTolPowerSupplyBay], Status [cpqHeFltTolPowerSupplyStatus], Model [cpqHeFltTolPowerSupplyModel], Serial Num [cpqHeFltTolPowerSupplySerialNumber], Firmware [cpqHeFltTolPowerSupplyFirmwareRev]."

**NT Event ID: 1125 (Hex)0xc4350465 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The Fault Tolerant Power Supply Sub-system is in a failed state. Restore power or replace the failed power supply.

SNMP Trap: cpqHe4FltTolPowerSupplyFailed - 6050 in CPQHLTH.MIB

Symptom: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis
- cpqHeFltTolPowerSupplyBay
- cpqHeFltTolPowerSupplyStatus
- cpqHeFltTolPowerSupplyModel

- cpqHeFltTolPowerSupplySerialNumber
- cpqHeFltTolPowerSupplyAutoRev
- cpqHeFltTolPowerSupplyFirmwareRev
- cpqHeFltTolPowerSupplySparePartNum
- cpqSiServerSystemId

Supporting SNMP Trap Description: "The Power Supply is Failed on Chassis [cpqHeFltTolPowerSupplyChassis], Bay [cpqHeFltTolPowerSupplyBay], Status [cpqHeFltTolPowerSupplyStatus], Model [cpqHeFltTolPowerSupplyModel], Serial Num [cpqHeFltTolPowerSupplySerialNumber], Firmware [cpqHeFltTolPowerSupplyFirmwareRev]."

**NT Event ID: 1126 (Hex)0x84350466 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Fault Tolerant Power Supply Sub-system has lost redundancy. Restore power or replace any failed or missing power supplies.

SNMP Trap: cpqHe3FltTolPowerRedundancyLost - 6032 in CPQHLTH.MIB

Symptom: The Fault Tolerant Power Supplies have lost redundancy for the specified chassis.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis

Supporting SNMP Trap Description: "The Power Supplies are no longer redundant on Chassis [cpqHeFltTolPowerSupplyChassis]."

**NT Event ID: 1127 (Hex)0x44350467 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: Fault Tolerant Power Supply Inserted. A hot-plug fault tolerant power supply has been inserted into the system.

SNMP Trap: cpqHe3FltTolPowerSupplyInserted - 6033 in CPQHLTH.MIB

Symptom: A Fault Tolerant Power Supply has been inserted into the specified chassis and bay location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis
- cpqHeFltTolPowerSupplyBay

Supporting SNMP Trap Description: "The Power Supply Inserted on Chassis [cpqHeFltTolPowerSupplyChassis], Bay [cpqHeFltTolPowerSupplyBay]."

**NT Event ID: 1128 (Hex)0x84350468 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Fault Tolerant Power Supply Removed. A hot-plug fault tolerant power supply has been removed from the system.

SNMP Trap: cpqHe3FltTolPowerSupplyRemoved - 6034 in CPQHLTH.MIB

Symptom: A Fault Tolerant Power Supply has been removed from the specified chassis and bay location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolPowerSupplyChassis
- cpqHeFltTolPowerSupplyBay

Supporting SNMP Trap Description: "The Power Supply Removed on Chassis [cpqHeFltTolPowerSupplyChassis], Bay [cpqHeFltTolPowerSupplyBay]."

**NT Event ID: 1129 (Hex)0x84350469 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Fan Sub-system is in a degraded state. Replace the fan.

SNMP Trap: cpqHe3FltTolFanDegraded - 6035 in CPQHLTH.MIB

Symptom: The Fault Tolerant Fan condition has been set to degraded for the specified chassis and fan.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis
- cpqHeFltTolFanIndex

Supporting SNMP Trap Description: "The Fan Degraded on Chassis [cpqHeFltTolFanChassis], Fan [cpqHeFltTolFanIndex]."

**NT Event ID: 1130 (Hex)0xc435046a (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The Fan Sub-system is in a failed state. Replace the fan.

SNMP Trap: cpqHe3FltTolFanFailed - 6036 in CPQHLTH.MIB

Symptom: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis
- cpqHeFltTolFanIndex

Supporting SNMP Trap Description: "The Fan Failed on Chassis [cpqHeFltTolFanChassis], Fan [cpqHeFltTolFanIndex]."

**NT Event ID: 1131 (Hex)0x8435046b (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Fan Sub-system has lost redundancy. Replace any failed or missing fans.

SNMP Trap: cpqHe3FltTolFanRedundancyLost - 6037 in CPQHLTH.MIB

Symptom: The Fault Tolerant Fans have lost redundancy for the specified chassis.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis

Supporting SNMP Trap Description: "The Fans are no longer redundant on Chassis [cpqHeFltTolFanChassis]."

**NT Event ID: 1132 (Hex)0x4435046c (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: Fan Inserted. A hot-plug fan has been inserted into the system.

SNMP Trap: cpqHe3FltTolFanInserted - 6038 in CPQHLTH.MIB

Symptom: A Fault Tolerant Fan has been inserted into the specified chassis and fan location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis
- cpqHeFltTolFanIndex

Supporting SNMP Trap Description: "The Fan Inserted on Chassis [cpqHeFltTolFanChassis], Fan [cpqHeFltTolFanIndex]."

**NT Event ID: 1133 (Hex)0x8435046d (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Fan Removed. A hot-plug fan has been removed from the system.

SNMP Trap: cpqHe3FltTolFanRemoved - 6039 in CPQHLTH.MIB

Symptom: A Fault Tolerant Fan has been removed from the specified chassis and fan location.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeFltTolFanChassis
- cpqHeFltTolFanIndex

Supporting SNMP Trap Description: "The Fan Removed on Chassis [cpqHeFltTolFanChassis], Fan [cpqHeFltTolFanIndex]."

**NT Event ID: 1134 (Hex)0xc435046e (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: A Temperature Sensor Condition has been set to failed. The system will be shut down due to this overheat condition.

SNMP Trap: cpqHe3TemperatureFailed - 6040 in CPQHLTH.MIB

Symptom: The temperature status has been set to failed in the specified chassis and location. The system is shut down due to this condition.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqHeTemperatureChassis
- cpqHeTemperatureLocale

Supporting SNMP Trap Description: "Temperature Exceeded on Chassis [cpqHeTemperatureChassis], Location [cpqHeTemperatureLocale]."

**NT Event ID: 1135 (Hex)0x8435046f (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: A Temperature Sensor Condition has been set to degraded. The system may or may not shut down depending on the state of the thermal degraded action value '%6'.

SNMP Trap: cpqHe3TemperatureDegraded - 6041 in CPQHLTH.MIB

Symptom: The temperature status has been set to degraded in the specified chassis and location. The server's temperature is outside of the normal operating range. The server is shut down if the cpqHeThermalDegradedAction variable is set to shutdown (3).

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeThermalDegradedAction
- cpqHeTemperatureChassis
- cpqHeTemperatureLocale

Supporting SNMP Trap Description: "Temperature out of range on Chassis [cpqHeTemperatureChassis], Location [cpqHeTemperatureLocale]. Shutdown may occur."

**NT Event ID: 1136 (Hex)0x44350470 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: A Temperature Sensor Condition has been set to OK. The system's temperature has returned to the normal operating range.

SNMP Trap: cpqHe3TemperatureOk - 6042 in CPQHLTH.MIB

Symptom: The temperature status has been set to OK in the specified chassis and location. The server's temperature has returned to the normal operating range.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHeTemperatureChassis
- cpqHeTemperatureLocale

Supporting SNMP Trap Description: "Temperature Normal on Chassis [cpqHeTemperatureChassis], Location [cpqHeTemperatureLocale]."

**NT Event ID: 1137 (Hex)0x84350471 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The DC-DC power converter is in a degraded state. Replace the power converter.

SNMP Trap: cpqHe3PowerConverterDegraded - 6043 in CPQHLTH.MIB

Symptom: The DC-DC Power Converter condition has been set to degraded for the specified chassis, slot, and socket.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHePwrConvChassis
- cpqHePwrConvSlot
- cpqHePwrConvSocket

Supporting SNMP Trap Description: "The Power Converter Degraded on Chassis [cpqHePwrConvChassis], Slot [cpqHePwrConvSlot], Socket [cpqHePwrConvSocket]."

**NT Event ID: 1138 (Hex)0xc4350472 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: The DC-DC power converter is in a failed state. Replace the power converter.

SNMP Trap: cpqHe3PowerConverterFailed - 6044 in CPQHLTH.MIB

Symptom: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot, and socket.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHePwrConvChassis
- cpqHePwrConvSlot
- cpqHePwrConvSocket

Supporting SNMP Trap Description: "The Power Converter Failed on Chassis [cpqHePwrConvChassis], Slot [cpqHePwrConvSlot], Socket [cpqHePwrConvSocket]."

**NT Event ID: 1139 (Hex)0x84350473 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The DC-DC power converter is in a failed state. Replace System Information Agent: Health: The DC-DC Power Converter sub-system has lost redundancy. Replace any failed or degraded power converters.

SNMP Trap: cpqHe3PowerConverterRedundancyLost - 6045 in CPQHLTH.MIB

Symptom: The DC-DC Power Converters have lost redundancy for the specified chassis.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqHePwrConvChassis

Supporting SNMP Trap Description: "The Power Converters are no longer redundant on Chassis [cpqHePwrConvChassis]."

**NT Event ID: 1140 (Hex)0x84350474 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: Hot Plug PCI Board Removed. A hot plug PCI adapter has been removed from the system.

SNMP Trap: cpqSiHotPlugSlotBoardRemoved - 2008 in CPQSINFO.MIB

Symptom: Hot Plug Slot Board Removed. A Hot Plug Slot Board has been removed from the specified chassis and slot.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSiHotPlugSlotChassis
- cpqSiHotPlugSlotIndex

Supporting SNMP Trap Description: "Hot Plug Slot Board Removed from Chassis [cpqSiHotPlugSlotChassis], Slot [cpqSiHotPlugSlotIndex]."

**NT Event ID: 1141 (Hex)0x44350475 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: Hot Plug PCI Board Inserted. A hot plug PCI adapter has been inserted into the system.

SNMP Trap: cpqSiHotPlugSlotBoardInserted - 2009 in CPQSINFO.MIB

Symptom: Hot Plug Slot Board Inserted. A Hot Plug Slot Board has been inserted into the specified chassis and slot.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSiHotPlugSlotChassis
- cpqSiHotPlugSlotIndex

Supporting SNMP Trap Description: "Hot Plug Slot Board Inserted into Chassis [cpqSiHotPlugSlotChassis], Slot [cpqSiHotPlugSlotIndex]."

**NT Event ID: 1142 (Hex)0xc4350476 (cpqsvmsg.dll)**

Log Severity: Error (3)

Log Message: Hot Plug PCI Board Failed. A hot plug PCI adapter has failed to power up. Insure the board and all cables are installed correctly.

SNMP Trap: cpqSiHotPlugSlotPowerUpFailed - 2010 in CPQSINFO.MIB

Symptom: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power up in the specified chassis and slot.

User Action: Be sure the board and all cables are installed correctly, and that the board type and revision are the same as the replaced board.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSiHotPlugSlotChassis

- cpqSiHotPlugSlotIndex
- cpqSiHotPlugSlotErrorStatus

Supporting SNMP Trap Description: "Hot Plug Slot Board Failed in Chassis [cpqSiHotPlugSlotChassis], Slot [cpqSiHotPlugSlotIndex], Error [cpqSiHotPlugSlotErrorStatus]."

**NT Event ID: 1143 (Hex)0x44350477 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: Rack Name Changed.

SNMP Trap: cpqRackNameChanged - 22001 in CPQRACK.MIB

Symptom: The rack name has changed. This trap indicates that an agent or utility has changed the name of the rack. Each of the server blades in each of the enclosure within the rack is updated to reflect the new rack name. It may take several minutes for the rack name change to be propagated throughout the entire rack.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackSerialNum
- cpqRackTrapSequenceNum

Supporting SNMP Trap Description: "The rack name has changed to [cpqRackName]."

**NT Event ID: 1144 (Hex)0x44350478 (cpqsvmsg.dll)**

Log Severity: Information (1)

Log Message: Rack Enclosure Name Changed.

SNMP Trap: cpqRackEnclosureNameChanged - 22002 in CPQRACK.MIB

Symptom: The enclosure name has changed. This trap indicates that an agent or utility has changed the name of an enclosure within the rack. Each of the components within the rack is updated to reflect the new enclosure name. It may take several minutes for the enclosure name change to be propagated throughout the entire enclosure.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureModel
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum



Supporting SNMP Trap Description: "The enclosure name has changed to [cpqRackCommonEnclosureName] in rack [cpqRackName]."

**NT Event ID: 1145 (Hex)0x44350479 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Enclosure Removed

Log Message: This trap indicates that an enclosure has been removed from the rack.

SNMP Trap: cpqRackEnclosureRemoved - 22003 in CPQRACK.MIB

Symptom: The enclosure has been removed. This trap indicates that an enclosure has been removed from the rack.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureModel
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] has been removed from rack [cpqRackName]."

**NT Event ID: 1146 (Hex)0x4435047a (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Enclosure Inserted

Log Message: This trap indicates that an enclosure has been inserted into the rack.

SNMP Trap: cpqRackEnclosureInserted - 22004 in CPQRACK.MIB

Symptom: The enclosure has been inserted. This trap indicates that an enclosure has been inserted into the rack.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureModel
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] has been inserted into rack [cpqRackName]."

**NT Event ID: 1147 (Hex)0xc435047b (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Rack Enclosure Overheated

Log Message: This trap indicates that an enclosure temperature sensor has been tripped indicating an overheat condition.

SNMP Trap: cpqRackEnclosureTempFailed - 22005 in CPQRACK.MIB

Symptom: The enclosure temperature status has been set to failed. This trap indicates that an enclosure temperature sensor has been tripped, indicating an overheat condition.

User Action: Shut down the enclosure and possibly the rack as soon as possible. Be sure that all fans are working properly and that air flow in the rack has not been blocked.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTempLocation
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] temperature sensor in rack [cpqRackName] has been set to failed."

**NT Event ID: 1148 (Hex)0x8435047c (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Enclosure Overheating

Log Message: This trap indicates that an enclosure temperature sensor has been tripped indicating a possible overheat condition.

SNMP Trap: cpqRackEnclosureTempDegraded - 22006 in CPQRACK.MIB

Symptom: The enclosure temperature status has been set to degraded. This trap indicates that an enclosure temperature sensor has been tripped, indicating a possible overheat condition.

User Action: Shut down the enclosure and possibly the rack as soon as possible. Be sure that all fans are working properly and that air flow in the rack has not been blocked.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName

- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTempLocation
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] temperature sensor in rack [cpqRackName] has been set to degraded."

**NT Event ID: 1149 (Hex)0x4435047d (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Rack Enclosure Temperature Normal

Log Message: This trap indicates that an enclosure temperature sensor has returned to normal.

SNMP Trap: cpqRackEnclosureTempOk - 22007 in CPQRACK.MIB

Symptom: The enclosure temperature status has been set to OK. This trap indicates that an enclosure temperature sensor has returned to normal.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTempLocation
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] temperature sensor in rack [cpqRackName] has been set to ok."

**NT Event ID: 1150 (Hex)0xc435047e (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Rack Enclosure Fan Failed

Log Message: This trap indicates that an enclosure fan has failed and less than the minimum number of fans in the redundant fan group are operating. This may result in overheating of the enclosure.

SNMP Trap: cpqRackEnclosureFanFailed - 22008 in CPQRACK.MIB

Symptom: The enclosure fan status has been set to failed. This trap indicates that an enclosure fan has failed and that no other fans in the redundant fan group are operating. This may result in the enclosure overheating.

User Action: Replace the fan as soon as possible.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName

- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureFanLocation
- cpqRackCommonEnclosureFanSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] fan in rack [cpqRackName] has been set to failed."

**NT Event ID: 1151 (Hex)0x8435047f (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Enclosure Fan Degraded

Log Message: This trap indicates that an enclosure fan has failed but other fans in the redundant fan group are still operating. This may result in overheating of the enclosure.

SNMP Trap: cpqRackEnclosureFanDegraded - 22009 in CPQRACK.MIB

Symptom: The enclosure fan status has been set to degraded. This trap indicates that an enclosure fan has failed but that other fans in the redundant fan group are still operating. This may result in the enclosure overheating.

User Action: Replace the fan as soon as possible.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureFanLocation
- cpqRackCommonEnclosureFanSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] fan in rack [cpqRackName] has been set to degraded."

**NT Event ID: 1152 (Hex)0x44350480 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Rack Enclosure Fan OK

Log Message: This trap indicates that an enclosure fan has returned to normal operation.

SNMP Trap: cpqRackEnclosureFanOk - 22010 in CPQRACK.MIB

Symptom: The enclosure fan status has been set to OK. This trap indicates that an enclosure fan has returned to normal operation.

User Action: None.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureFanLocation
- cpqRackCommonEnclosureFanSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] fan in rack [cpqRackName] has been set to ok."

**NT Event ID: 1153 (Hex)0x84350481 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Enclosure Fan Removed

Log Message: The enclosure fan has been removed.

SNMP Trap: cpqRackEnclosureFanRemoved - 22011 in CPQRACK.MIB

Symptom: The enclosure fan has been removed.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureFanLocation
- cpqRackCommonEnclosureFanSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] fan in rack [cpqRackName] has been removed."

**NT Event ID: 1154 (Hex)0x44350482 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Rack Enclosure Fan Inserted

Log Message: The enclosure fan has been inserted.

SNMP Trap: cpqRackEnclosureFanInserted - 22012 in CPQRACK.MIB

Symptom: The enclosure fan has been inserted.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureFanLocation
- cpqRackCommonEnclosureFanSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The enclosure [cpqRackCommonEnclosureName] fan in rack [cpqRackName] has been inserted."

**NT Event ID: 1155 (Hex)0xc4350483 (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Rack Power Supply Failed

Log Message: This trap indicates that a power supply has failed.

SNMP Trap: cpqRackPowerSupplyFailed - 22013 in CPQRACK.MIB

Symptom: The power supply status has been set to failed. This trap indicates that a power supply has failed.

User Action: Replace the power supply as soon as possible.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplySerialNum
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power supply [cpqRackPowerSupplyPosition] in enclosure [cpqRackPowerSupplyEnclosureName] in rack [cpqRackName] has been set to failed."

**NT Event ID: 1156 (Hex)0x84350484 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Power Supply Degraded

Log Message: This trap indicates that a power supply has degraded.

SNMP Trap: cpqRackPowerSupplyDegraded - 22014 in CPQRACK.MIB

Symptom: The power supply status has been set to degraded. This trap indicates that a power supply has degraded.

User Action: Replace the power supply as soon as possible.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplySerialNum
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power supply [cpqRackPowerSupplyPosition] in enclosure [cpqRackPowerSupplyEnclosureName] in rack [cpqRackName] has been set to degraded."

**NT Event ID: 1157 (Hex)0x44350485 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Rack Power Supply OK

Log Message: This trap indicates that a power supply has returned to normal operation.

SNMP Trap: cpqRackPowerSupplyOk - 22015 in CPQRACK.MIB

Symptom: The power supply status has been set to OK. This trap indicates that a power supply has returned to normal operation.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplySerialNum
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power supply [cpqRackPowerSupplyPosition] in enclosure [cpqRackPowerSupplyEnclosureName] in rack [cpqRackName] has been set to ok."

**NT Event ID: 1158 (Hex)0x84350486 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Power Supply Removed

Log Message: The power supply has been removed.

SNMP Trap: cpqRackPowerSupplyRemoved - 22016 in CPQRACK.MIB

Symptom: The power supply has been removed.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplySerialNum
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power supply [cpqRackPowerSupplyPosition] in enclosure [cpqRackPowerSupplyEnclosureName] in rack [cpqRackName] has been removed."

**NT Event ID: 1159 (Hex)0x44350487 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Rack Power Supply Inserted

Log Message: The power supply has been inserted.

SNMP Trap: cpqRackPowerSupplyInserted - 22017 in CPQRACK.MIB

Symptom: The power supply has been inserted.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplySerialNum
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power supply [cpqRackPowerSupplyPosition] in enclosure [cpqRackPowerSupplyEnclosureName] in rack [cpqRackName] has been inserted."

**NT Event ID: 1160 (Hex)0x84350488 (cpqsvmsg.dll)**

Log Severity: Warning (2)



Event Title: Rack Power Subsystem Not Redundant

Log Message: The rack power subsystem is no longer in a redundant state.

SNMP Trap: cpqRackPowerSubsystemNotRedundant - 22018 in CPQRACK.MIB

Symptom: The rack power subsystem is no longer in a redundant state.

User Action: Replace any failed power supplies as soon as possible to return the system to a redundant state.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power subsystem in enclosure [cpqRackPowerEnclosureName] in rack [cpqRackName] is no longer redundant."

**NT Event ID: 1161 (Hex)0x84350489 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Power Subsystem Input Voltage Problem

Log Message: The rack power supply detected an input line voltage problem.

SNMP Trap: cpqRackPowerSubsystemLineVoltageProblem - 22019 in CPQRACK.MIB

Symptom: The rack power supply detected an input line voltage problem.

User Action: Check the power input for the power supply or replace any failed power supplies as soon as possible.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerSupplyEnclosureName
- cpqRackPowerSupplyPosition
- cpqRackPowerSupplyFWRev
- cpqRackPowerSupplyInputLineStatus
- cpqRackPowerSupplySparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The rack power supply detected an input line voltage problem in power supply [cpqRackPowerSupplyPosition], enclosure [cpqRackPowerSupplyEnclosureName], rack [cpqRackName]."

**NT Event ID: 1162 (Hex)0x8435048a (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Power Subsystem Overload

Log Message: The rack power subsystem overload condition.

SNMP Trap: cpqRackPowerSubsystemOverloadCondition - 22020 in CPQRACK.MIB

Symptom: The rack power subsystem overload condition.

User Action: Replace any failed power supplies as soon as possible to return the system to a redundant state.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackPowerEnclosureName
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The power subsystem in enclosure [cpqRackPowerEnclosureName] in rack [cpqRackName] is in an overload condition."

**NT Event ID: 1163 (Hex)0xc435048b (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Server Power Shedding Shutdown

Log Message: Server shutdown due to power shedding.

SNMP Trap: cpqRackPowerShedAutoShutdown - 22021 in CPQRACK.MIB

Symptom: Server shutdown due to power shedding. The server blade was shut down due to a lack of power.

User Action: Check power connections or add power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "The server shutdown due to lack of power blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1164 (Hex)0xc435048c (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Server Power On Prevented

Log Message: Server power on prevented to preserve redundancy.

SNMP Trap: cpqRackServerPowerOnFailedNotRedundant - 22022 in CPQRACK.MIB

Symptom: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure.

User Action: Check power connections or add power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Server power on prevented to preserve redundancy in blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1165 (Hex)0xc435048d (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Not Enough Power To Power On

Log Message: Inadequate power to power on.

SNMP Trap: cpqRackServerPowerOnFailedNotEnoughPower - 22023 in CPQRACK.MIB

Symptom: Inadequate power to power on. There is not enough power to power on the server blade.

User Action: Check power connections or add power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Inadequate power to power on blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1166 (Hex)0xc435048e (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Inadequate Power To Power On

Log Message: There is not enough power to power on the server blade. The server enclosure micro-controller was not found.

SNMP Trap: cpqRackServerPowerOnFailedEnclosureNotFound - 22024 in CPQRACK.MIB

Symptom: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.

User Action: Check server enclosure connections or add power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Inadequate power to power on blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1167 (Hex)0xc435048f (cpqsvmsg.dll)**

Log Severity: Error (3)

Event Title: Inadequate Power To Power On

Log Message: There is not enough power to power on the server blade. The power enclosure micro-controller was not found.

SNMP Trap: cpqRackServerPowerOnFailedPowerChassisNotFound - 22025 in CPQRACK.MIB

Symptom: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.

User Action: Check power enclosure connections or add power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum

- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Inadequate power to power on blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1168 (Hex)0x84350490 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Server Power On Via Manual Override

Log Message: Server power on via manual override.

SNMP Trap: cpqRackServerPowerOnManualOverride - 22026 in CPQRACK.MIB

Symptom: Server power on via manual override. The server blade was powered on by a manual override.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Server power on via manual override on blade [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1169 (Hex)0x84350491 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Fuse or Breaker Tripped

Log Message: The fuse has been tripped.

SNMP Trap: cpqRackFuseOpen - 22027 in CPQRACK.MIB

Symptom: Fuse open. The fuse has been tripped.

User Action: Check enclosure and blade power connections and reset the fuse.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureFuseLocation
- cpqRackCommonEnclosureSparePartNumber

- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Fuse open fuse [cpqRackCommonEnclosureFuseLocation], in enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1170 (Hex)0x84350492 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Server Blade Removed

Log Message: The server blade has been removed from the enclosure.

SNMP Trap: cpqRackServerBladeRemoved - 22028 in CPQRACK.MIB

Symptom: Server blade removed. The server blade has been removed from the enclosure.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladeName
- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Server blade [cpqRackServerBladeName] removed from position [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1171 (Hex)0x44350493 (cpqsvmsg.dll)**

Log Severity: Information (1)

Event Title: Server Blade Inserted

Log Message: The server blade has been inserted from the enclosure.

SNMP Trap: cpqRackServerBladeInserted - 22029 in CPQRACK.MIB

Symptom: Server blade inserted. The server blade has been inserted into the enclosure.

User Action: None.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackServerBladeEnclosureName
- cpqRackServerBladeName

- cpqRackServerBladePosition
- cpqRackServerBladeSparePartNumber
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Server blade [cpqRackServerBladeName] inserted into position [cpqRackServerBladePosition], in enclosure [cpqRackServerBladeEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1172 (Hex)0x84350494 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Rack Power Subsystem Not Load Balanced

Log Message: The power subsystem is out of balance for this power enclosure.

SNMP Trap: cpqRackPowerChassisNotLoadBalanced - 22030 in CPQRACK.MIB

Symptom: Power subsystem not load balanced. The power subsystem is out of balance for this power enclosure.

User Action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies. Add additional power supplies if needed.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem not load balanced in enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1173 (Hex)0x84350495 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem DC Power Problem

Log Message: There is a power subsystem DC power problem for this enclosure.

SNMP Trap: cpqRackPowerChassisDcPowerProblem - 22031 in CPQRACK.MIB

Symptom: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.

User Action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName

- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem DC power problem in enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1174 (Hex)0x84350496 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem Facility AC Power Problem

Log Message: The AC facility input power has been exceeded for this power enclosure.

SNMP Trap: cpqRackPowerChassisAcFacilityPowerExceeded - 22032 in CPQRACK.MIB

Symptom: Power subsystem AC facility input power exceeded for this power enclosure.

User Action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem AC facility input power exceeded in enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1175 (Hex)0x84350497 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem Unknown Power Consumption

Log Message: There is an unknown power consumer drawing power.

SNMP Trap: cpqRackPowerUnknownPowerConsumption - 22033 in CPQRACK.MIB

Symptom: Unknown power consumption. There is an unknown power consumer drawing power.

User Action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid



- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Unknown power consumption in rack [cpqRackName]."

**NT Event ID: 1176 (Hex)0x84350498 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem Load Balancing Wire Missing

Log Message: The power subsystem load balancing wire missing.

SNMP Trap: cpqRackPowerChassisLoadBalancingWireMissing - 22034 in CPQRACK.MIB

Symptom: Power subsystem load balancing wire missing. The power subsystem load balancing wire is missing.

User Action: Connect the load balancing wire.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem load balancing wire missing for enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1177 (Hex)0x84350499 (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem Too Many Power Enclosures

Log Message: The maximum number of power enclosures has been exceeded.

SNMP Trap: cpqRackPowerChassisTooManyPowerChassis - 22035 in CPQRACK.MIB

Symptom: Power subsystem has too many power enclosures. The maximum number of power enclosures has been exceeded.

User Action: Remove the extra power enclosure.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem has too many power enclosures [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1178 (Hex) 0x8435049a (cpqsvmsg.dll)**

Log Severity: Warning (2)

Event Title: Power Subsystem Configuration Error

Log Message: The power subsystem has been improperly configured.

SNMP Trap: cpqRackPowerChassisConfigError - 22036 in CPQRACK.MIB

Symptom: Power subsystem improperly configured. The power subsystem has been improperly configured.

User Action: Check the cabling of the power enclosure.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqRackName
- cpqRackUid
- cpqRackCommonEnclosureName
- cpqRackCommonEnclosureSerialNum
- cpqRackCommonEnclosureSparePartNumber
- cpqRackCommonEnclosureTrapSequenceNum

Supporting SNMP Trap Description: "Power subsystem has been improperly configured in enclosure [cpqRackCommonEnclosureName], in rack [cpqRackName]."

**NT Event ID: 1179 (Hex) 0x8435049B (cpqsvmsg.dll)**

Log Severity: Warning (2)

Log Message: The Management Processor is in reset state. The data contains the error code

SNMP Trap: cpqHeManagementProclnReset - 6061 in CPQHLTH.MIB

Symptom: The Management processor is currently in reset. The management processor is currently in the process of being reset because of a firmware update or some other event.

User action: None

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Management processor is in the process of being reset."

**NT Event ID: 1180 (Hex) 0x0435049c (cpqsvmsg.dll)**

Log Severity: Informational (1)

Log Message: The Management Processor has successfully reset and is now available again. The data contains the error code.

SNMP Trap: cpqHeManagementProcReady - 6062 in CPQHLTH.MIB

Symptom: The Management processor is ready. The management processor has successfully reset and is now available again.

User action: None

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: "The Management processor is ready after a successful reset"

**NT Event ID: 1181 (Hex) 0x8435049D (cpqsvmsg.dll)**

Log Severity: Warning (3)

Log Message: The Management Processor has not reset successfully and is not operational. The data contains the error code.

SNMP Trap: cpqHeManagementProcFailedReset - 6063 in CPQHLTH.MIB

Symptom: The Management processor failed reset. The management processor was not successfully reset and is not operational.

User action: Reset the management processor again or re-flash the management processor firmware.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags

Supporting SNMP Trap Description: The Management processor failed reset.

**NT Event ID: 1182 (Hex) 0x4435049EL**

Log Severity: Informational

Log Message: USB storage device '%5' attached. The data contains the error code.

SNMP Trap: 1008 in CPQSTDEQ.MIB

Symptom: The USB key is attached to the server.

User Action: None required.

Supporting SNMP Trap Data:

- sysName,
- cpqHoTrapFlags
- cpqSeUSBDeviceType
- cpqSeUSBDeviceName

Supporting SNMP Trap Description: This trap is sent when a USB storage device has been attached.

Symbolic Name: CPQ\_STD\_USB\_DEV\_ATTACHED

**NT Event ID: 1183 (Hex) 0x4435049FL**

Log Severity: Informational

Log Message: USB storage device '%5' removed. The data contains the error code.

SNMP TRAP: 1009 in CPQSTDEQ.MIB

Symptom: The USB key has been removed from the server.

User Action: None required.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqSeUSBDeviceType
- cpqSeUSBDeviceName

Supporting SNMP Trap Description: This trap is sent when a attached USB storage device is removed.

Symbolic Name: CPQ\_STD\_USB\_DEV\_REMOVED

## Event Identifiers 1539-3352

### **Event identifier: cpqsvmsg.dll - 1539 (Hex)0xc4350603 (Service Event)**

Log Severity: Error (3)

Log Message: Unable to write to the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

### **Event identifier: cpqsvmsg.dll - 1540 (Hex)0xc4350604 (Service Event)**

Log Severity: Error (3)

Log Message: Unable to read from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

### **Event identifier: cpqsvmsg.dll - 1543 (Hex)0xc4350607 (Service Event)**

Log Severity: Error (3)

Log Message: Unable to load a required driver. This error can be caused by a corrupt or missing file. Reinstalling the Server Agents, the software support drivers, or running the Emergency Repair procedure may correct this error.

### **Event identifier: cpqsvmsg.dll - 1544 (Hex)0x84350608 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

### **Event identifier: cpqsvmsg.dll - 1574 (Hex)0xc4350626 (Service Event)**

Log Severity: Error (3)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

### **Event identifier: cpqsvmsg.dll - 1792 (Hex)0x84350700 (Service Event)**

Log Severity: Warning (2)

Log Message: The Server SNMP Agent is unable to generate traps due to an error during initialization.

### **Event identifier: cpqsvmsg.dll - 1795 (Hex)0x84350703 (Service Event)**

Log Severity: Warning (2)

Log Message: The SNMP Agent is older than other components. The SNMP Agent is older than the other components of the Server Agents. Reinstall the entire Server Agents package to correct this error.

### **Event identifier: cpqsvmsg.dll - 1796 (Hex)0x84350704 (Service Event)**

Log Severity: Warning (2)

Log Message: The %1 Agent is older than other components. The %1 Agent is older than the other components of the Server Agents. Reinstall the entire Server Agents package to correct this error.

**Event identifier: cpqsvmsg.dll - 1800 (Hex)0x84350708 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read security configuration information. SNMP sets have been disabled.

**Event identifier: cpqsvmsg.dll - 1803 (Hex)0xc435070b (Service Event)**

Log Severity: Error (3)

Log Message: Unable to load a required library. This error can be caused by a corrupt or missing file. Reinstalling the Server Agents or running the Emergency Repair procedure may correct this error.

**Event identifier: cpqsvmsg.dll - 1806 (Hex)0x8435070e (Service Event)**

Log Severity: Warning (2)

Log Message: The Server Agent service is not running. The Server SNMP Agent has determined that the Server Agent service is not running. Stop the SNMP service and restart the Server Agents service. If the error persists, reinstalling the Server Agents may correct this error.

**Event identifier: cpqsvmsg.dll - 1808 (Hex)0x44350710 (Service Event)**

Log Severity: Information (1)

Log Message: The agent could not deliver trap %1. The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the Management Agent control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the Server Agents or the Remote Access Service may correct this error. For more information, see the Asynchronous Management documentation.

**Event identifier: cpqsvmsg.dll - 3328 (Hex)0x84350d00 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system may correct this error.

**Event identifier: cpqsvmsg.dll - 3329 (Hex)0x84350d01 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read from the registry sub-key. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqsvmsg.dll - 3330 (Hex)0x84350d02 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not write the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqsvmsg.dll - 3331 (Hex)0x84350d03 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqsvmsg.dll - 3332 (Hex)0x84350d04 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqsvmsg.dll - 3333 (Hex)0x84350d05 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not read the registry sub-key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqsvmsg.dll - 3342 (Hex)0x84350d0e (Service Event)**

Log Severity: Warning (2)

Log Message: The Remote Insight Agent got an unexpected error code while waiting for multiple events. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 3345 (Hex)0x84350d11 (Service Event)**

Log Severity: Warning (2)

Log Message: Remote Insight Board device driver not present. The Remote Insight Agent requires the Remote Insight Board device driver (CPQSM2.SYS) to be installed. Install the driver from the latest Software Support for Windows. If you do not have a Remote Insight Board in this system, disable the Remote Insight Agent via the Management Agents Control Panel.

**Event identifier: cpqsvmsg.dll - 3351 (Hex)0x84350d17 (Service Event)**

Log Severity: Warning (2)

Log Message: The shared memory interface has been reset.

**Event identifier: cpqsvmsg.dll - 3352 (Hex)0xc4350d18 (Service Event)**

Log Severity: Error (3)

Log Message: The Remote Insight board has been reset.

## Event Identifiers 5632-5684

**Event identifier: cpqsvmsg.dll - 5632 (Hex)0x84351600 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not allocate memory. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5633 (Hex)0x84351601 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not open the base of the registry. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5634 (Hex)0x84351602 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5635 (Hex)0x84351603 (Service Event)**

Log Severity: Warning (2)

Log Message: "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5636 (Hex)0x84351604 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not read the registry value "%1". The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5637 (Hex)0x84351605 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent found an incorrect type for registry value "%1". The data contains the type found.

**Event identifier: cpqsvmsg.dll - 5638 (Hex)0x84351606 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not create a necessary event. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5639 (Hex)0x84351607 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not set an event. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5640 (Hex)0x84351608 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not create its main thread of execution. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5641 (Hex)0x84351609 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent main thread did not terminate properly. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5642 (Hex)0x8435160a (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent got an unexpected error code while waiting for an event. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5643 (Hex)0x8435160b (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent did not respond to a request. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5644 (Hex)0x8435160c (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent received an unknown action code from the service. The data contains the action code.

**Event identifier: cpqsvmsg.dll - 5645 (Hex)0x8435160d (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not get the system type. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5682 (Hex)0x84351632 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not set the variable because it is unsupported. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5683 (Hex)0x84351633 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent could not set the variable because the value is invalid or out of range. The data contains the error code.

**Event identifier: cpqsvmsg.dll - 5684 (Hex)0x84351634 (Service Event)**

Log Severity: Warning (2)

Log Message: The Rack And Enclosure MIB Agent is not loaded. Sets are not available. The data contains the error code.



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# NIC agents

## Event Identifiers 256-299

**Event identifier: cpqnimsg.dll - 256 (Hex)0x84350100 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent detected an error. The insertion string is: %1. The data contain the error code.

**Event identifier: cpqnimsg.dll - 257 (Hex)0x84350101 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to allocate memory. This indicates a low memory condition. Rebooting the system will correct this error.

**Event identifier: cpqnimsg.dll - 258 (Hex)0x84350102 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent could not register with the Service Control Manager. The data contain the error code.

**Event identifier: cpqnimsg.dll - 259 (Hex)0x84350103 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent could not set the service status with the Service Control Manager. The data contain the error code.

**Event identifier: cpqnimsg.dll - 260 (Hex)0x84350104 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent could not start the Service Control Dispatcher. The data contain the error code.

**Event identifier: cpqnimsg.dll - 261 (Hex)0x84350105 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 262 (Hex)0x84350106 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not create the registry key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 263 (Hex)0x84350107 (Service Event)**

Log Severity: Warning (2)

Log Message: Could not delete the registry key: "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 264 (Hex)0x84350108 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to open the registry key "%1". This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 265 (Hex)0x84350109 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 266 (Hex)0x8435010a (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 267 (Hex)0x8435010b (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to write "%1" to the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 268 (Hex)0x8435010c (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to enumerate "%1" from the registry. This error can be caused by a corrupt registry or a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 269 (Hex)0xc435010d (Service Event)**

Log Severity: Error (3)

Log Message: The NIC Management Agent encountered a fatal error. The service is terminating. The data contain the error code.

**Event identifier: cpqnimsg.dll - 270 (Hex)0x8435010e (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to create thread. This error can be caused by a low memory condition. Rebooting the server may correct this error.

**Event identifier: cpqnimsg.dll - 271 (Hex)0x8435010f (Service Event)**

Log Severity: Warning (2)

Log Message: Could not open the driver for device "%1". This error can be caused by an improperly installed adapter. Removing and reinstalling the device may correct the problem. The data contain the error code.

**Event identifier: cpqnimsg.dll - 272 (Hex)0x84350110 (Service Event)**

Log Severity: Warning (2)

Log Message: Failure in driver %1. This error can be caused by an outdated driver version. Installing a later version of the driver may correct the problem. The data contain the error code.

**Event identifier: cpqnimsg.dll - 273 (Hex)0x84350111 (Service Event)**

Log Severity: Warning (2)

Log Message: There were no physical adapters in team: "%1." This error can be caused by improperly installed drivers. Remove all device instances associated with the team and re-install the drivers and team.

**Event identifier: cpqnimsg.dll - 274 (Hex)0x84350112 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent cannot generate Traps due to a communication problem with the NIC SNMP extension agent.

**Event identifier: cpqnimsg.dll - 275 (Hex)0x44350113 (Service Event)**

Log Severity: Information (1)

Log Message: Communication with the NIC SNMP extension agent has been restored. TRAPS can now be sent.

**Event identifier: cpqnimsg.dll - 276 (Hex)0x84350114 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent cannot communicate with the Token Ring Protocol driver (CNMPROT.SYS).

**Event identifier: cpqnimsg.dll - 277 (Hex)0x44350115 (Service Event)**

Log Severity: Information (1)

Log Message: The NIC Management Agent version %1 has started.

**Event identifier: cpqnimsg.dll - 279 (Hex)0x84350117 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent could not set an event. The data contain the error code.

**Event identifier: cpqnimsg.dll - 280 (Hex)0x84350118 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent service could not start any agents successfully.

**Event identifier: cpqnimsg.dll - 281 (Hex)0x84350119 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent main thread did not terminate properly. The data contain the error code.

**Event identifier: cpqnimsg.dll - 283 (Hex)0x8435011b (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent did not respond to a request. The data contain the error code.

**Event identifier: cpqnimsg.dll - 285 (Hex)0x8435011d (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Management Agent could not get the system type. The data contain the error code.

**Event identifier: cpqnimsg.dll - 287 (Hex)0x8435011f (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could not load the module "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 288 (Hex)0x84350120 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could get the control function for module "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 290 (Hex)0x84350122 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could not start agent "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 291 (Hex)0x84350123 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service detected an invalid state for agent \*"%1". The data contain the state.

**Event identifier: cpqnimsg.dll - 292 (Hex)0x84350124 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could not stop agent "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 293 (Hex)0x84350125 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could not terminate agent "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 294 (Hex)0x84350126 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC Agent service could not unload the module "%1". The data contain the error code.

**Event identifier: cpqnimsg.dll - 296 (Hex)0xc4350128 (Service Event)**

Log Severity: Error (3)

Log Message: A driver for a NIC failed to open. This error can be caused by an improperly installed adapter. Removing and reinstalling all adapters may correct the problem. The NIC Agent service will not respond to any management requests.

**Event identifier: cpqnimsg.dll - 297 (Hex)0x84350129 (Service Event)**

Log Severity: Warning (2)

Log Message: An attempt to log an event to the IML failed. The IML log may be full. Clearing the IML log may correct this problem.

**Event identifier: cpqnimsg.dll - 298 (Hex)0xc435012a (Service Event)**

Log Severity: Error (3)

Log Message: A fatal error occurred during Virus Throttle WMI event processing. Virus Throttle related traps will not be sent.

Cause: WMI service is probably not running. Starting WMI service or NIC agent might solve this problem.

**Event identifier: cpqnimsg.dll - 299 (Hex)0x8435012b (Service Event)**

Log Severity: Warning (2)

Log Message: An attempt to query WMI for Virus Throttle event failed. The event data gives the error number.

## Event Identifiers 300-1293

**Event identifier: cpqnimsg.dll - 300 (Hex)0x8435012c (Service Event)**

Log Severity: Warning (2)

Log Message: The WBEM query was cancelled by WMI. The query was issued again.

Cause: WMI service was probably restarted.

**Event identifier: cpqnimsg.dll - 1024 (Hex)0x84350400 (Service Event)**

Log Severity: Warning (2)

Log Message: The SNMP Insight Agent is unable to generate traps due to an error during initialization.

Cause: Check to Be sure that the SNMP service is running. Reinstalling the agents may fix this error.

**Event identifier: cpqnimsg.dll - 1025 (Hex)0x84350401 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC SNMP Management Agent's trap thread has encountered an error while waiting for event notification from event log.

**Event identifier: cpqnimsg.dll - 1027 (Hex)0x84350403 (Service Event)**

Log Severity: Warning (2)

Log Message: The SNMP Agent is older than other components. The SNMP Agent is older than the other components of the Insight Agents. Reinstall the entire Insight Agents package to correct this error.

**Event identifier: cpqnimsg.dll - 1028 (Hex)0x84350404 (Service Event)**

Log Severity: Warning (2)

Log Message: The %1 Agent is older than other components. The %1 Agent is older than the other components of the Insight Agents. Reinstall the entire Insight Agents package to correct this error.

**Event identifier: cpqnimsg.dll - 1029 (Hex)0x84350405 (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC SNMP Management Agent has failed to refresh data associated with key %1. Check to make sure management service is up and running. This may cause data received from Compaq SNMP agent to be old or invalid.

**Event identifier: cpqnimsg.dll - 1030 (Hex)0xc4350406 (Service Event)**

Log Severity: Error (3)

Log Message: The NIC SNMP Management Agent was unable to process a SNMP request because the Insight Agents Service is not up and running.

**Event identifier: cpqnimsg.dll - 1031 (Hex)0x44350407 (Service Event)**

Log Severity: Information (1)

Log Message: The NIC SNMP Management Agent has continued refreshing data for the key associated with %1.

**Event identifier: cpqnimsg.dll - 1032 (Hex)0x84350408 (Service Event)**

Log Severity: Warning (2)

Log Message: Unable to read security configuration information. SNMP sets have been disabled.

Cause: This can be caused by an invalid or missing configuration or by a corrupt registry. Reinstalling the Insight Agents may correct this problem.

**Event identifier: cpqnimsg.dll - 1033 (Hex)0x44350409 (Service Event)**

Log Severity: Information (1)

Log Message: The SNMP Insight Agent will allow SNMP sets.

**Event identifier: cpqnimsg.dll - 1034 (Hex)0x4435040a (Service Event)**

Log Severity: Information (1)

Log Message: The SNMP Insight Agent will not allow SNMP sets.

**Event identifier: cpqnimsg.dll - 1035 (Hex)0xc435040b (Service Event)**

Log Severity: Error (3)

Log Message: Unable to load a required library. This error can be caused by a corrupt or missing file. Reinstalling the Insight Agents or running the Emergency Repair procedure may correct this error.

**Event identifier: cpqnimsg.dll - 1036 (Hex)0x8435040c (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC SNMP Management Agent was unable to forward an SNMP trap to the Compaq Remote Insight Board trap due to processing error. The data contains the error code.

**Event identifier: cpqnimsg.dll - 1037 (Hex)0x8435040d (Service Event)**

Log Severity: Warning (2)

Log Message: The NIC SNMP Management Agent was unable to get last modification time for key %1.

**Event identifier: cpqnimsg.dll - 1038 (Hex)0x8435040e (Service Event)**

Log Severity: Warning (2)

Log Message: The Management Agent service is not running. The SNMP Management Agent has determined that the Management Agent service is not running. Stop the SNMP service and restart the Management Agents service. If the error persists, reinstalling the Management Agents may correct this error.

**Event identifier: cpqnimsg.dll - 1039 (Hex)0x4435040f (Service Event)**

Log Severity: Information (1)

Log Message: The NIC SNMP Management Agent has determined the Insight Agent Management service is running.

**Event identifier: cpqnimsg.dll - 1040 (Hex)0x44350410 (Service Event)**

Log Severity: Information (1)

Log Message: The agent could not deliver trap %1. The agent was unable to use Asynchronous Management to deliver a trap. This can be caused by a failure in the Remote Access Service or by a missing or invalid configuration. Use the Insight Agent control panel to verify the Asynchronous Management configuration settings. Use the Network control panel to verify the Remote Access configuration. If this error persists, reinstalling the Insight Agents or the Remote Access Service may correct this error. For more information, see the Insight Asynchronous Management documentation.

**NT Event ID: 1282 (Hex)0x44350502 (cpqnimsg.dll)**

Log Severity: Information (1)

Log Message: Redundancy has been increased by the NIC in slot %1, port %2. Number of functional NICs in the team: %3.

SNMP Trap: cpqNicRedundancyIncreased - 18003 in CPQNIC.MIB

Symptom: This trap is sent any time a previously failed physical adapter in a connected logical adapter group returns to the OK condition. This trap is not sent when a logical adapter group has connectivity restored from a Failed condition. The cpqNicConnectivityRestored trap is sent instead. This can be caused by replacing a faulty cable or by connecting a cable that was disconnected.

User Action: None required.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqNicIfPhysAdapterSlot
- cpqNicIfPhysAdapterPort
- cpqNicIfLogMapAdapterOKCount

Supporting SNMP Trap Description: "Redundancy increased by adapter in slot [cpqNicIfPhysAdapterSlot], port [cpqNicIfPhysAdapterPort]."

**NT Event ID: 1283 (Hex)0xc4350503 (cpqnimsg.dll)**

Log Severity: Error (3)

Log Message: Redundancy has been reduced by the NIC in slot %1, port %2. Number of functional NICs in the team: %3.

SNMP Trap: cpqNicRedundancyReduced - 18004 in CPQNIC.MIB

Symptom: This trap is sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.

User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.

Supporting SNMP Trap Data:

- sysName

- cpqHoTrapFlags
- cpqNiclPhysAdapterSlot
- cpqNiclPhysAdapterPort
- cpqNiclLogMapAdapterOKCount

Supporting SNMP Trap Description: "Redundancy decreased by adapter in slot [cpqNiclPhysAdapterSlot], port [cpqNiclPhysAdapterPort]."

**NT Event ID: 1290 (Hex)0x4435050A (cpqnimsg.dll)**

Log Severity: Information (1)

Log Message: Connectivity has been restored for the NIC in slot %1, port %2.

SNMP Trap: cpqNic3ConnectivityRestored - 18011 in CPQNIC.MIB

Symptom: This trap is sent any time connectivity is restored to a logical adapter. This occurs when the physical adapter in a single adapter configuration returns to the OK condition or at least one physical adapter in a logical adapter group returns to the OK condition. This can be caused by replacement of a faulty cable or re-attaching a cable that was unplugged.

User Action: None required.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqNiclPhysAdapterSlot
- cpqNiclPhysAdapterPort
- cpqSiServerSystemId
- cpqNiclPhysAdapterStatus
- cpqSePciSlotBoardName
- cpqNiclPhysAdapterPartNumber
- ipAdEntAddr
- cpqNiclLogMapIPv6Address

Supporting SNMP Trap Description: "Connectivity is restored for adapter in slot [cpqNiclPhysAdapterSlot], port [cpqNiclPhysAdapterPort]."

**NT Event ID: 1291 (Hex)0xc435050B (cpqnimsg.dll)**

Log Severity: Error (3)

Log Message: Connectivity has been lost for the NIC in slot %1, port %2.

SNMP Trap: cpqNic3ConnectivityLost - 18012 in CPQNIC.MIB

Symptom: This trap is sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.

User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.

Supporting SNMP Trap Data:

- sysName



- cpqHoTrapFlags
- cpqNicIfPhysAdapterSlot
- cpqNicIfPhysAdapterPort
- cpqSiServerSystemId
- cpqNicIfPhysAdapterStatus
- cpqSePciSlotBoardName
- cpqNicIfPhysAdapterPartNumber
- ipAdEntAddr
- cpqNicIfLogMapIPv6Address

Supporting SNMP Trap Description: "Connectivity lost for adapter in slot [cpqNicIfPhysAdapterSlot], port [cpqNicIfPhysAdapterPort]."

**NT Event ID: 1292 (Hex)0x4435050C (cpqnimsg.dll)**

Log Severity: Information (1)

Log Message: Redundancy has been increased by the NIC in slot %1, port %2. Number of functional NICs in the team: %3.

SNMP Trap: cpqNic3RedundancyIncreased - 18013 in CPQNIC.MIB

Symptom: This trap is sent any time a previously failed physical adapter in a connected logical adapter group returns to the OK condition. This trap is not sent when a logical adapter group has connectivity restored from a Failed condition. The cpqNicConnectivityRestored trap is sent instead. This can be caused by replacing of a faulty cable or connecting a cable that was disconnected.

User Action: None required.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqNicIfPhysAdapterSlot
- cpqNicIfPhysAdapterPort
- cpqSiServerSystemId
- cpqNicIfPhysAdapterStatus
- cpqSePciSlotBoardName
- cpqNicIfPhysAdapterPartNumber
- ipAdEntAddr
- cpqNicIfLogMapIPv6Address
- cpqNicIfLogMapAdapterOKCount

Supporting SNMP Trap Description: "Redundancy increased by adapter in slot [cpqNicIfPhysAdapterSlot], port [cpqNicIfPhysAdapterPort]."

**NT Event ID: 1293 (Hex)0xc435050D (cpqnimsg.dll)**

Log Severity: Error (3)

Log Message: Redundancy has been reduced by the NIC in slot %1, port %2. Number of functional NICs in the team: %3.

SNMP Trap: cpqNic3RedundancyReduced - 18014 in CPQNIC.MIB

Symptom: This trap is sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.

User Action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.

Supporting SNMP Trap Data:

- sysName
- cpqHoTrapFlags
- cpqNiclPhysAdapterSlot
- cpqNiclPhysAdapterPort
- cpqSiServerSystemId
- cpqNiclPhysAdapterStatus
- cpqSePciSlotBoardName
- cpqNiclPhysAdapterPartNumber
- ipAdEntAddr
- cpqNiclLogMapIPv6Address
- cpqNiclLogMapAdapterOKCount

Supporting SNMP Trap Description: "Redundancy decreased by adapter in slot [cpqNiclPhysAdapterSlot], port [cpqNiclPhysAdapterPort]."